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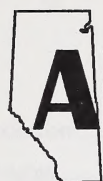


Alberta Cancer Registry

1993 ANNUAL REPORT



ALBERTA CANCER BOARD



Alberta

Cancer

Registry

1993 ANNUAL REPORT

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Division of Epidemiology, Prevention & Screening

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INTRODUCTION

This report is published by the Division of Epidemiology, Prevention and Screening of the Alberta Cancer Board. The main purpose of the publication is to provide health professionals and policy makers with information regarding cancer incidence and mortality in the Province of Alberta.

The numbers published in this report should be considered **provisional** as some cases and deaths will be registered in subsequent years. Methods for the coding of cancers (deaths from cancer) on the Alberta Cancer Registry have varied through the years. For this reason caution should be exercised when comparing this data to that of previous years.

Unless otherwise noted, all incidence data exclude nonmelanoma skin cancers and represent only invasive (not in situ) cancers.

Note: Rates in this publication have been standardized to Statistics Canada's revised population estimate for 1991¹ and can not be compared directly to those in editions prior to 1992 in which a different standard was used.

HIGHLIGHTS

- In 1993, 8643 new cases of cancer and 4071 deaths from cancer occurred among residents of Alberta.
- Breast, colorectal and lung cancers account for nearly 53% of newly diagnosed cancers and 50% of cancer deaths among Alberta women.
- Prostate, lung and colorectal cancers account for nearly 56% of newly diagnosed cancers and 53% of cancer deaths among Alberta men.

DATA SOURCES

Cancer incidence data are based on newly diagnosed primary cancers as reported to the Alberta Cancer Registry.

Cancer mortality data are based on deaths reported to Alberta Vital Statistics. In some cases the cause of death attributed by The Alberta Cancer Registry may not be in agreement with the underlying cause of death as reported to Vital Statistics. (See appendix.)

This report includes only those cancers diagnosed (deaths) in residents of Alberta.

Coverage of registration for most cancers is currently thought to be at or above 95 per cent, although lower coverage likely occurs for in situ, hematopoietic and nonmelanoma skin cancers.

Completeness of death registration will be less than 100 per cent as it is likely that some out of province deaths of residents of Alberta will not be reported to Alberta Vital Statistics.

DEFINITIONS AND EXPLANATORY NOTES

Age: The age of the individual (in completed years) at the time of diagnosis or death.

Incidence: The number of new cases of a particular type of cancer diagnosed during the year. For most sites the basic unit of reporting is a new primary invasive neoplasm rather than an individual person. For basal and squamous cell skin cancers and bladder cancer only the first invasive cancer of a given histologic type is reported.

Mortality: The number of deaths attributed to the particular type of cancer that occurred during the year.

Primary site of cancer: The tissue or organ in which the cancer originates.

Cancer diagnosis site: This is based on the 2nd edition of the *International Classification of Diseases for Oncology*² (ICD-O). In general, data are tabulated by three digit topography code with the following exceptions:

- c54.1: Endometrium
- c54, c55: Other Uterus and Uterus NOS
(excluding c54.1)

The following are tabulated by three digit morphology code:

- 872-879: Melanoma
- 980-994: Leukemia
- 965-966: Hodgkin's Disease
- 959-964, 967-972: Non-Hodgkin's Lymphoma
- 973: Multiple Myeloma & Plasmacytoma
- 974: Other Hematopoietic & Reticuloendothelial
- 976: Immunoproliferative Diseases

Classification by morphology takes precedence over topography. For example, a malignant lymphoma confined to the stomach (ICD-O topography c16, morphology 95903) would be tabulated under Non-Hodgkin's Lymphoma not under Stomach.

Cause of death: This is based on the 9th Revision of the *International Classification of Diseases*³ (ICD-9). The data are tabulated by three digit code.

Incidence and Mortality Rates:

Age-specific rate: The number of new cases of cancer or cancer deaths during the year expressed as a rate per 100 000 persons in a given age range.

Age-standardized rate: The number of new cases of cancer or cancer deaths per 100 000 that would have been observed in the standard population if the actual age-specific rates observed in Alberta for 1993 had prevailed in the standard population. These are provided so that Alberta rates may be compared to other published rates standardized to the same populations. Consult the Appendix for more details.

For detailed information regarding the methodology used in this report consult *The Alberta Cancer Registry 1993 Annual Report Technical Supplement*.

Special Notes for Melanoma of the Skin

Prior to 1993 melanoma of the skin cancers were coded using rules developed locally within Alberta. In 1993 the Alberta Cancer Registry adopted the NAACCR (North American Association of Central Cancer Registries) coding rules for cutaneous melanoma as developed by the SEER program. This change has resulted in an increase in the number of cases recorded.

Figure 1.1 Percent Distribution of New Invasive Cases for Selected Cancer Sites, Females, Alberta, 1993

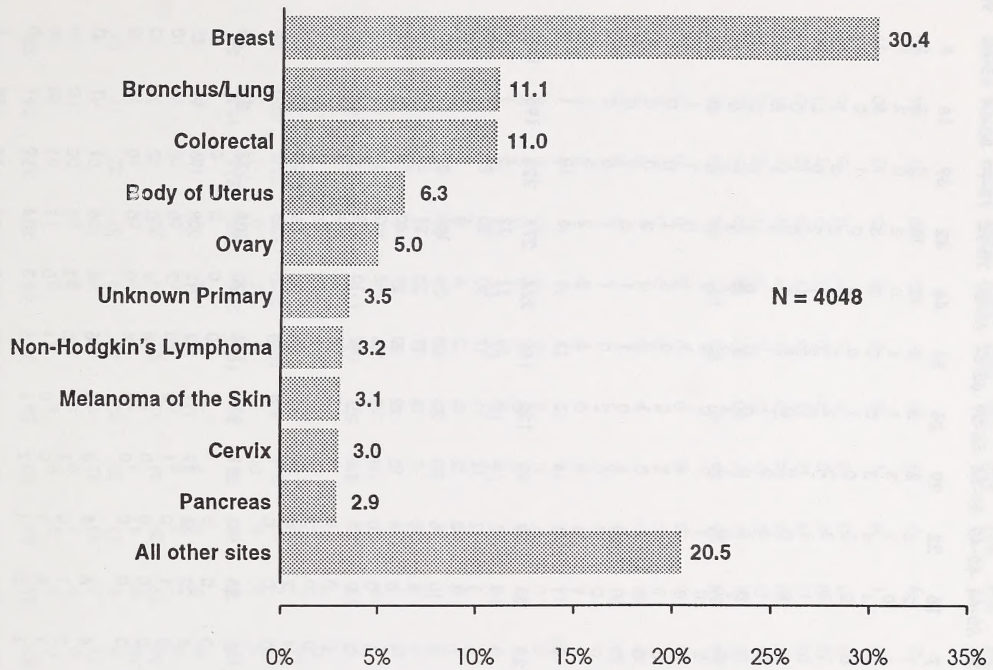


Figure 1.2 Percent Distribution of New Invasive Cases for Selected Cancer Sites, Males, Alberta, 1993

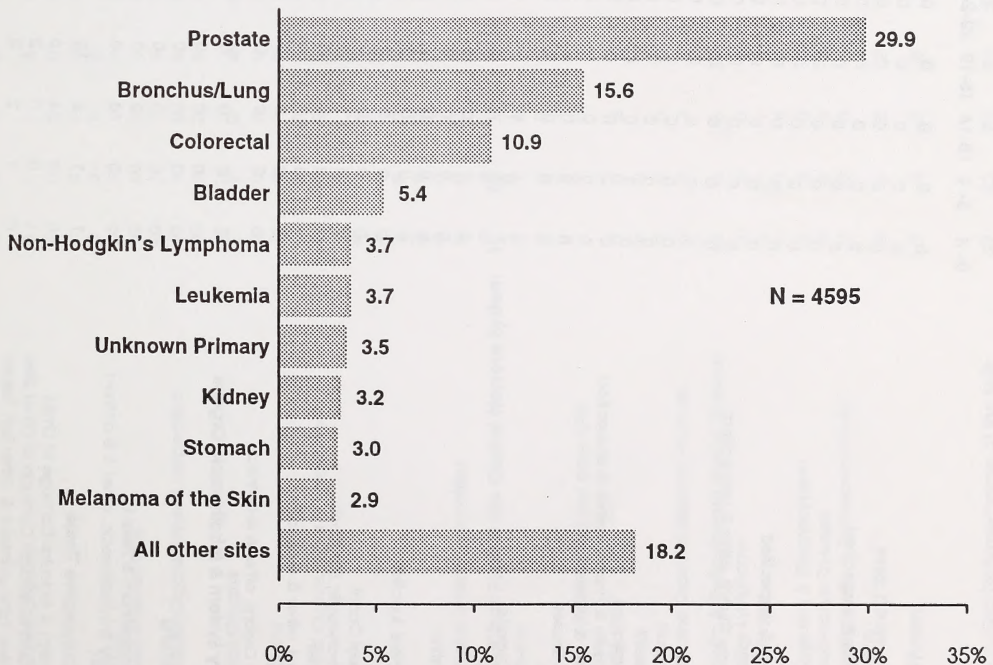


Table 1.1 **New Invasive Cancers by Site and 5-year Age Group, Females & Males, Alberta, Diagnosed in 1993**

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Head & Neck																				
Lip	0	0	0	0	0	0	0	4	7	16	22	29	26	36	46	42	39	16	8	295
Base of Tongue	0	0	0	0	0	0	0	0	1	2	2	3	5	4	12	10	9	5	2	55
Tongue, other & unspecified	0	0	0	0	0	0	0	0	1	0	1	3	3	1	5	2	0	2	0	18
Gum	0	0	0	0	0	0	0	2	0	4	4	3	0	0	2	3	7	5	1	31
Floor of mouth	0	0	0	0	0	0	0	0	0	2	0	0	1	0	3	0	1	0	0	7
Palate	0	0	0	0	0	0	0	1	2	3	2	2	2	3	4	2	3	1	0	23
Mouth, other & unspecified	0	0	0	0	0	0	0	0	1	1	1	0	2	2	1	2	0	0	0	9
Parotid Gland	0	0	0	0	0	0	0	0	0	0	2	4	2	4	2	3	1	0	1	13
Major Salivary Glands, other & unspecified	0	0	0	0	0	0	0	0	3	1	3	2	1	1	1	4	1	0	1	18
Tonsil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
Oropharynx	0	0	0	0	0	0	0	0	1	0	1	3	3	2	3	2	0	0	0	15
Nasopharynx	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	4
Pyiform Sinus	0	0	0	0	0	0	2	0	2	4	1	1	1	1	1	0	1	1	0	16
Hypopharynx	0	0	0	0	0	0	0	0	1	2	3	0	0	0	5	1	0	0	0	12
Upp. Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	0	0	0	0	1	0	1	2	0	2	0	0	1	0	7
Nasal Cavity & Middle Ear	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0	1	0	0	4
Accessory Sinuses	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	4
Larynx	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	0	1	0	0	5
	0	0	0	0	0	0	0	0	1	2	4	7	13	6	6	10	1	1	0	52
Digestive Organs																				
Esophagus	2	0	1	1	0	5	10	25	31	59	92	120	169	224	274	224	196	118	45	1596
Stomach	0	0	0	0	0	0	0	0	3	1	3	3	13	11	12	6	1	2	2	57
Small Intestine	0	0	0	0	0	0	2	6	1	12	16	17	30	30	26	26	15	5	5	198
Colon	0	0	0	0	0	0	1	3	3	0	2	3	2	6	5	3	2	0	1	31
Rectosigmoid Junction	0	0	0	1	0	3	1	5	10	26	30	36	50	76	100	87	83	52	13	573
Rectum	0	0	0	0	0	1	2	1	4	3	7	14	17	20	21	21	9	6	2	128
Anus & Anal Canal	0	0	0	0	0	0	2	3	6	8	12	22	29	27	40	34	31	9	4	227
Liver & Intrahepatic Bile Ducts	0	0	0	0	0	0	1	1	0	0	2	2	3	4	2	1	2	1	0	19
Gallbladder	2	0	1	0	0	1	1	2	2	1	6	7	7	10	9	8	8	5	4	74
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	0	0	3	5	3	4	8	4	6	4	3	40
Pancreas	0	0	0	0	0	0	0	0	2	1	1	4	2	2	4	4	1	2	1	22
Digestive Organs, other & ill-defined	0	0	0	0	0	0	0	4	2	6	13	11	24	34	39	29	27	19	8	216
	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	1	0	3	2	11
Respiratory System & Intrathoracic Organs																				
Trachea	0	0	0	0	0	2	4	6	23	33	81	116	184	220	208	178	95	35	10	1195
Bronchus/Lung	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	3
Thymus	0	0	0	0	0	1	3	6	22	33	79	111	178	212	208	176	94	35	10	1168
Heart, Mediastinum & Pleura	0	0	0	0	0	0	1	0	1	0	1	0	2	0	0	0	0	0	0	5
Respiratory & Intrathoracic, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	4	6	6	0	2	0	0	0	19
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Joints & Connective Tissue																				
Bones, Joints & Articular Cartilage of Limbs	1	1	6	10	1	3	5	4	6	6	3	5	6	4	6	1	1	0	1	70
Bones, Joints & Articular Cartilage of Other Sites	0	0	4	6	0	2	1	1	0	1	0	1	0	1	1	0	0	0	0	18
Connective, Subcutaneous & Other Soft Tissues	1	0	0	2	0	0	1	1	0	2	0	1	0	1	1	0	0	0	0	10
	0	1	2	2	1	1	3	3	5	4	2	4	5	3	4	0	1	0	1	42
Melanoma																				
Skin	0	0	1	2	6	7	26	24	24	27	30	22	27	17	28	19	10	5	5	280
Eye	0	0	1	2	6	6	26	22	24	27	27	21	23	14	24	16	9	5	5	258
Other	0	0	0	0	0	0	0	1	0	0	1	0	2	2	3	1	1	0	0	11
	0	0	0	0	0	1	0	1	0	0	2	1	2	1	1	2	0	0	0	11
Nonmelanoma of the Skin																				
	0	1	5	6	6	32	79	145	166	228	256	251	359	449	451	432	321	162	85	3434
Peripheral Nerves & Autonomic Nervous System																				

Table 1.1 New Invasive Cancers by Site and 5-year Age Group, Females & Males, Alberta, Diagnosed in 1993
(continued)

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Retropertitoneum & Peritoneum																				
Breast	0	0	0	1	0	0	1	0	0	0	1	2	2	5	2	0	5	0	0	19
	0	0	0	0	0	5	29	65	113	131	132	120	140	153	131	95	69	43	17	1243
Female Genital Organs	0	1	1	3	4	19	28	43	31	64	53	54	77	65	70	37	26	22	8	606
Vulva	0	0	0	0	0	1	1	0	0	2	0	0	3	2	1	5	2	0	0	17
Vagina	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	1	4
Cervix Uteri	0	0	0	0	2	13	18	21	6	13	13	8	5	4	10	0	4	4	1	122
Endometrium	0	0	0	0	0	0	3	8	5	17	25	42	33	37	22	11	10	3	3	248
Other Uterus & Uterus, NOS	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	8
Ovary	0	1	1	3	2	5	6	14	19	29	14	13	26	24	22	9	7	7	1	203
Female Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	4
Placenta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Male Genital Organs	1	1	0	4	9	5	18	19	9	14	21	84	194	288	339	216	153	58	18	1451
Penis	0	0	0	0	0	0	1	2	0	0	0	0	3	0	1	0	0	0	0	8
Prostate Gland	1	0	0	0	0	0	0	1	2	10	21	82	192	285	338	214	153	58	18	1375
Testis	0	1	0	4	9	5	17	16	7	4	0	1	2	0	1	0	0	0	0	67
Male Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Urinary Tract	3	1	2	0	1	2	5	9	17	20	35	57	68	117	90	72	40	22	10	571
Kidney	3	1	2	0	0	1	3	5	9	16	18	29	23	46	27	20	8	6	2	219
Renal Pelvis	0	0	0	0	0	0	0	0	1	0	0	0	1	3	1	3	0	0	1	10
Ureter	0	0	0	0	0	0	2	1	0	0	1	0	2	2	4	2	1	0	0	13
Bladder	0	0	0	0	1	1	2	3	7	4	16	28	42	65	56	45	31	15	7	323
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	1	0	6
Eye, Brain & Other Parts of the Central Nervous System	10	10	3	3	4	9	9	9	16	5	13	12	13	11	12	8	1	2	1	151
Eye & Adnexa	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	6
Meninges	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
Brain	6	8	3	3	2	9	8	9	16	3	13	12	13	11	11	6	1	2	1	137
Spinal Cord, Cranial Nerves and other CNS	1	1	0	0	1	0	1	0	0	1	0	0	0	0	1	0	0	0	0	6
Endocrine Glands	0	0	3	2	6	5	16	13	21	10	8	7	7	7	3	0	3	2	1	114
Thyroid Gland	0	0	1	1	5	5	16	12	20	10	7	6	5	7	3	0	3	2	1	104
Adrenal Gland	0	0	0	0	0	0	0	0	1	1	0	1	2	0	0	0	0	0	0	6
Other Endocrine Glands & Related Structures	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Hematopoietic & Reticuloendothelial Systems	10	8	6	13	19	18	27	24	38	35	36	61	85	107	84	69	55	34	12	741
Nonhodgkin's Lymphoma	1	0	0	2	4	4	7	12	22	17	17	30	39	46	39	23	20	12	6	301
Hodgkin's Disease	0	1	1	5	12	9	11	7	2	5	3	0	2	3	1	3	2	1	0	68
Leukemia	9	7	5	6	3	4	9	4	12	10	14	20	31	38	32	30	17	17	4	272
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	1	0	1	2	3	2	11	13	17	10	12	12	4	2	90
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	1	4	0	0	10
Other Hematopoietic & Reticuloendothelial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other & Ill-Defined Sites	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	0	1	2	7
Unknown Primary	0	0	0	0	2	1	2	2	9	7	17	16	31	43	50	51	44	20	8	303

All Sites Excluding Nonmelanoma of the Skin

27 23 39 52 81 184 250 355 433 552 702 1039 1307 1339 1011 714 370 532 227 12077

All Sites

27 24 28 45 58 113 263 395 521 661 808 953 1398 1756 1790 1443 1035 532 227 12077

Table 1.2 New Invasive Cancers by Site and 5-year Age Group, Females, Alberta, Diagnosed in 1993

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Head & Neck																				
Lip	0	0	0	0	0	0	0	0	3	5	5	8	7	13	10	15	4	2	4	91
Base of Tongue	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	2	0	1	0	8
Tongue, other & unspecified	0	0	0	0	0	0	0	0	0	1	0	1	1	0	3	0	0	0	0	5
Gum	0	0	0	0	0	0	0	0	3	2	0	2	0	0	1	0	7	3	0	18
Floor of mouth	0	0	0	0	0	0	0	0	0	1	0	1	1	2	2	1	0	0	0	2
Palate	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1	0	0	0	0	9
Mouth, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	0	3	0	1	1	0	0	1	4
Parotid Gland	0	0	0	0	0	0	0	1	0	1	2	1	0	0	2	0	0	0	1	7
Major Salivary Glands, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Tonsil	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	0	0	0	5
Oropharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
Nasopharynx	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	4
Pyiform Sinus	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Lip, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Nasal Cavity & Middle Ear	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Accessory Sinuses	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	0	4
Larynx	0	0	0	0	0	0	0	1	0	0	0	2	4	0	3	2	0	0	0	12
Digestive Organs																				
Esophagus	1	0	0	0	0	3	6	18	14	24	38	36	66	97	120	108	108	56	31	726
Stomach	0	0	0	0	0	0	0	0	0	0	0	0	3	5	3	1	1	1	2	16
Small Intestine	0	0	0	0	0	0	2	5	0	3	4	1	4	9	10	11	7	3	3	62
Colon	0	0	0	0	0	3	0	3	7	15	12	16	24	41	48	45	44	25	10	293
Rectosigmoid Junction	0	0	0	0	0	0	2	1	1	1	3	3	3	6	10	9	5	2	1	47
Rectum	0	0	0	0	0	0	1	2	5	1	4	4	12	8	16	14	18	3	2	90
Anus & Anal Canal	0	0	0	0	0	0	1	0	0	0	2	1	2	3	1	2	1	0	14	14
Liver & Intrahepatic Bile Ducts	1	0	0	0	0	0	0	2	0	0	4	1	3	1	3	4	6	1	2	28
Gallbladder	0	0	0	0	0	0	0	0	0	0	2	4	1	3	3	3	6	3	3	28
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	0	2	0	0	1	1	2	1	2	0	0	10
Pancreas	0	0	0	0	0	0	0	3	0	2	6	3	12	17	19	18	17	14	7	118
Digestive Organs, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	4
Respiratory System & Intrathoracic Organs																				
Trachea	0	0	0	0	0	2	3	2	12	18	38	65	63	86	68	56	31	9	3	456
Bronchus/Lung	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thymus	0	0	0	0	0	1	3	2	12	18	37	65	63	83	68	54	31	9	3	449
Heart, Mediastinum & Pleura	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	3
Respiratory & Intrathoracic, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	4
Bones & Connective Tissue																				
Bones, Joints & Articular Cartilage of Limbs	1	1	1	4	0	1	2	2	2	5	0	1	3	2	2	0	0	0	1	28
Bones, Joints & Articular Cartilage of Other Sites	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Connective, Subcutaneous & Other Soft Tissues	1	0	0	1	0	0	1	0	0	2	0	1	1	0	1	0	0	0	0	7
Melanoma	0	1	1	1	2	3	14	13	16	16	9	12	10	8	13	10	3	2	4	137
Skin	0	0	1	1	2	2	14	13	16	16	7	11	6	7	11	8	3	2	4	124
Eye	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1	2	1	0	0	6
Other	0	0	0	0	0	1	0	0	0	0	2	1	2	0	0	1	0	0	0	7
Nonmelanoma of the Skin																				
Peripheral Nerves & Autonomic Nervous System	0	0	3	2	3	18	36	67	80	104	120	116	138	179	202	174	160	78	49	1529

Table 1.2 New Invasive Cancers by Site and 5-year Age Group, Females, Alberta, Diagnosed in 1993

(continued)

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Retropertitoneum & Peritoneum	0	0	0	0	0	0	1	0	0	0	0	0	2	5	2	0	4	0	0	14
Breast	0	0	0	0	0	5	29	65	113	131	131	119	139	153	129	92	67	41	17	1231
Female Genital Organs	0	1	1	3	4	19	28	43	31	64	53	54	77	65	70	37	26	22	8	606
Vulva	0	0	0	0	0	1	1	0	0	2	0	0	3	2	1	5	2	0	0	17
Vagina	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	4
Cervix Uteri	0	0	0	0	2	13	18	21	6	13	13	8	5	4	10	0	4	4	1	122
Endometrium	0	0	0	0	0	0	3	8	5	17	25	32	42	33	37	22	11	10	3	248
Other Uterus & Uterus NOS	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	8
Ovary	0	1	1	3	2	5	6	14	19	29	14	13	26	24	22	9	7	7	1	203
Female Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	1	4
Placenta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urinary Tract	2	0	0	0	0	2	3	2	3	6	9	15	19	29	15	24	21	12	1	163
Kidney	2	0	0	0	0	1	2	1	2	5	6	9	7	11	8	10	5	4	1	74
Renal Pelvis	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	4
Ureter	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0	0	6
Bladder	0	0	0	0	0	1	1	1	1	1	3	6	10	16	5	10	15	7	0	77
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
Eye, Brain & Other Parts of the Central Nervous System	6	4	1	0	1	3	2	6	8	3	1	3	6	7	4	4	0	1	1	61
Eye & Adnexa	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4
Meninges	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Brain	3	4	1	0	0	3	1	6	8	2	1	3	6	7	4	3	0	1	1	54
Spinal Cord, Cranial Nerves and other CNS	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
Endocrine Glands	0	0	1	1	4	3	10	13	18	7	7	7	5	3	2	0	1	2	1	85
Thyroid Gland	0	0	1	1	4	3	10	12	17	7	7	6	4	3	2	0	1	2	1	81
Adrenal Gland	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	4
Other Endocrine Glands & Related Structures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hematopoietic & Reticuloendothelial Systems	3	2	3	7	5	7	8	7	12	15	19	23	30	41	41	28	27	19	6	303
Nonhodgkin's Lymphoma	0	0	0	0	2	2	1	3	6	8	7	12	14	17	21	13	13	7	3	129
Hodgkin's Disease	0	0	0	4	2	4	5	3	0	2	1	0	0	1	0	1	1	1	0	25
Leukemia	3	2	3	3	1	1	2	0	6	3	9	7	11	14	13	8	6	8	3	103
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	0	0	1	0	2	2	4	5	9	6	5	7	3	0	44
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2
Other Hematopoietic & Reticuloendothelial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other & Ill-Defined Sites	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1	4
Unknown Primary	0	0	0	0	0	1	0	2	6	4	10	4	13	19	22	21	19	14	7	142

All Sites Excluding Nonmelanoma of the Skin

13 9 8 16 16 49 106 176 240 298 324 346 446 525 503 396 311 181 85 4048

All Sites

13 9 11 18 19 67 142 243 320 402 444 462 584 704 705 570 471 259 134 5577

Table 1.3 New Invasive Cancers by Site and 5-year Age Group, Males, Alberta, Diagnosed in 1993

(continued)

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Retropertitoneum & Peritoneum																				
Breast	0	0	0	1	0	0	0	0	0	0	1	2	0	0	0	0	1	0	0	5
Male Genital Organs	1	1	0	4	9	5	18	19	9	14	21	84	194	288	339	216	153	58	18	1451
Penis	0	0	0	0	0	0	1	2	0	0	0	1	0	3	0	1	0	0	0	8
Prostate Gland	1	0	0	0	0	0	0	1	2	10	21	82	192	285	338	214	153	58	18	1375
Testis	0	1	0	4	9	5	17	16	7	4	0	1	2	0	1	0	0	0	0	67
Male Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Urinary Tract	1	1	2	0	1	0	2	7	14	14	26	42	49	88	75	48	19	10	9	408
Kidney	1	1	2	0	0	0	1	4	7	11	12	20	16	35	19	10	3	2	1	145
Renal Pelvis	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	1	0	0	1	6
Ureter	0	0	0	0	0	0	0	1	0	0	1	0	1	1	2	1	0	0	0	7
Bladder	0	0	0	0	1	0	1	2	6	3	13	22	32	49	51	35	16	8	7	246
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	4
Eye, Brain & Other Parts of the Central Nervous System	4	6	2	3	3	6	7	3	8	2	12	9	7	4	8	4	1	1	0	90
Eye & Adnexa	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
Meninges	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Brain	3	4	2	3	2	6	7	3	8	1	12	9	7	4	7	3	1	1	0	83
Spinal Cord, Cranial Nerves and other CNS	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	4
Endocrine Glands	0	0	2	1	2	2	6	0	3	3	1	0	2	4	1	0	2	0	0	29
Thyroid Gland	0	0	0	0	1	2	6	0	3	3	0	0	1	4	1	0	2	0	0	23
Adrenal Gland	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
Other Endocrine Glands & Related Structures	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Hematopoietic & Reticuloendothelial Systems	7	6	3	6	14	11	19	17	26	20	17	38	55	66	43	41	28	15	6	438
Nonhodgkin's Lymphoma	1	0	0	2	2	2	6	9	16	9	10	18	25	29	18	10	7	5	3	172
Hodgkin's Disease	0	1	1	1	10	5	6	4	2	3	2	0	2	2	1	2	1	0	0	43
Leukemia	6	5	2	3	2	3	7	4	6	7	5	13	20	24	19	22	11	9	1	169
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	1	0	0	2	1	0	7	8	8	4	7	5	1	2	46
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	4	0	0	8
Other Hematopoietic & Reticuloendothelial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other & Ill-Defined Sites	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	3
Unknown Primary	0	0	0	0	2	0	2	0	3	3	7	12	18	24	28	30	25	6	1	161
All Sites Excluding Nonmelanoma of the Skin	14	14	15	23	36	32	78	74	115	135	228	356	593	782	836	615	403	189	57	4595
All Sites	14	15	17	27	39	46	121	152	201	259	364	491	814	1052	1085	873	564	273	93	6500

Table 2.1 Incidence/100000 of Invasive Cancers by Site and 5-year Age Group, Females, Alberta, Diagnosed in 1993

(continued)

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Canada Std.	World Std.
Female Genital Organs																					
Vulva	0.0	1.0	1.0	3.3	4.0	16.8	21.5	35.4	31.5	80.4	89.7	107.6	163.5	154.0	189.7	135.5	141.3	211.5	148.1	48.7	39.0
Vagina	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	2.5	0.0	0.0	6.4	4.7	2.7	18.3	10.9	0.0	0.0	1.4	1.0
Cervix Uteri	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	18.5	0.3	0.2
Endometrium	0.0	0.0	0.0	0.0	2.0	11.5	13.8	17.3	6.1	16.3	22.0	15.9	10.6	9.5	27.1	0.0	21.7	38.5	18.5	9.3	7.5
Other Uterus & Uterus, NOS	0.0	0.0	0.0	0.0	0.0	0.0	2.3	6.6	5.1	21.4	42.3	63.7	89.2	78.2	100.3	80.6	59.8	96.2	55.6	20.4	16.2
Ovary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.7	2.0	2.1	0.0	0.0	3.7	5.4	9.6	18.5	0.6	0.5
Female Genital Organs, other & unspecified	0.0	1.0	1.0	3.3	2.0	4.4	4.6	11.5	19.3	36.4	23.7	25.9	55.2	56.9	59.6	33.0	38.0	67.3	18.5	16.3	13.4
Placenta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	18.5	0.3	0.2
Urinary Tract	1.9	0.0	0.0	0.0	0.0	0.0	1.8	2.3	1.6	3.1	7.5	15.2	29.9	40.3	68.7	40.7	87.9	114.1	115.4	13.3	9.6
Kidney	1.9	0.0	0.0	0.0	0.0	0.0	0.9	1.5	0.8	2.0	6.3	10.2	17.9	14.9	26.1	21.7	36.6	27.2	38.5	18.5	6.0
Renal Pelvis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.4	0.0	7.3	0.0	0.0	0.0	0.3	0.2
Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	5.4	3.7	5.4	0.0	0.5	0.3
Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.8	0.8	1.0	1.3	5.1	12.0	21.2	37.9	13.6	36.6	81.5	67.3	0.0	4.3
Urinary Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	9.6	0.0	0.1	0.1
Eye, Brain & Other Parts of the Central Nervous System	6.8	3.9	1.0	0.0	1.0	2.6	1.5	4.9	8.1	3.8	1.7	6.0	12.7	16.6	10.8	14.7	0.0	9.6	18.5	4.7	4.3
Eye & Adnexa	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.3	0.4
Meninges	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Brain	2.9	3.9	1.0	0.0	0.0	2.6	0.8	4.9	8.1	2.5	1.7	6.0	12.7	16.6	10.8	11.0	0.0	9.6	18.5	4.2	3.7
Spinal Cord, Cranial Nerves and other CNS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Endocrine Glands	0.0	0.0	1.0	1.1	4.0	2.6	7.7	10.7	18.3	8.8	11.8	13.9	10.6	7.1	6.4	0.0	6.4	19.2	18.5	6.5	5.5
Thyroid Gland	0.0	0.0	1.0	1.1	4.0	2.6	7.7	9.9	17.3	8.8	11.8	12.0	8.5	7.1	5.4	0.0	5.4	19.2	18.5	6.2	5.2
Adrenal Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.0	0.0	0.0	2.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
Other Endocrine Glands & Related Structures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hematopoietic & Reticuloendothelial Systems	2.9	1.9	3.1	7.7	5.0	6.2	6.1	5.8	12.2	18.8	32.1	45.8	63.7	97.2	111.1	102.6	146.7	182.7	111.1	24.3	18.7
Non-Hodgkin's Lymphoma	0.0	0.0	0.0	0.0	2.0	1.8	0.8	2.5	6.1	10.1	11.8	23.9	29.7	40.3	56.9	47.6	70.7	67.3	55.6	10.4	7.7
Hodgkin's Disease	0.0	0.0	0.0	4.4	2.0	3.5	3.8	2.5	0.0	2.5	1.7	0.0	0.0	2.4	0.0	3.7	5.4	9.6	0.0	1.9	1.6
Leukemia	2.9	1.9	3.1	3.3	1.0	0.9	1.5	0.0	6.1	3.8	15.2	13.9	23.4	33.2	29.3	29.3	32.6	76.9	55.6	8.2	6.7
Multiple Myeloma & Plasmacytoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	2.5	3.4	8.0	10.6	21.3	16.3	18.3	38.0	28.8	0.0	3.6	2.5
Immunoproliferative Diseases	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	3.7	0.0	0.0	0.0	0.2	0.1
Other Hematopoietic & Reticuloendothelial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other & Ill-Defined Sites	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	3.7	0.0	9.6	18.5	0.3	0.2
Unknown Primary	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.6	6.1	5.0	16.9	8.0	27.6	45.0	59.6	76.9	103.3	134.6	129.6	11.3	7.6
All Sites Excluding Non-melanoma of the Skin	12.6	8.7	8.2	17.6	16.0	43.2	81.3	144.7	244.2	374.4	548.2	689.2	946.9	1244.1	1363.1	1450.5	1690.2	1740.4	1574.1	326.1	248.9
All Sites	12.6	8.7	11.3	19.8	19.0	59.1	108.9	199.8	325.5	505.0	761.3	920.3	1239.9	1688.2	1910.6	2087.9	2659.8	2490.4	2481.5	448.2	338.1

Age-standardized rates were calculated using the 1991 Canada Revised Postcensal Population Estimate and the Standard World Population.

Table 2.2 Incidence/100000 of Invasive Cancers by Site and 5-year Age Group, Males, Alberta, Diagnosed in 1993
(continued)

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Canada Std.	World Std.
Male Genital Organs																					
Penis	0.9	0.9	0.0	4.2	8.8	4.3	13.3	14.8	8.7	16.9	33.9	160.9	405.0	740.4	1122.5	1080.0	1296.6	1017.5	720.0	144.3	95.8
Prostate Gland	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.9	12.1	33.9	157.1	400.8	732.6	1119.2	1070.0	1296.6	1017.5	720.0	138.8	91.2
Testis	0.0	0.9	0.0	4.2	8.8	4.3	12.6	12.5	6.8	4.8	0.0	1.9	4.2	0.0	0.0	3.3	0.0	0.0	0.0	4.8	4.0
Male Genital Organs, other & unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.1	0.1
Urinary Tract																					
Kidney	0.9	0.9	1.9	0.0	1.0	0.0	1.5	5.5	13.6	16.9	42.0	80.5	102.3	226.2	248.3	240.0	161.0	176.4	360.0	38.8	28.2
Renal Pelvis	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.1	6.8	13.3	19.4	38.3	33.4	90.0	62.9	50.0	25.4	35.1	40.0	13.1	10.4
Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	5.1	3.3	5.0	0.0	0.0	40.0	0.6	0.4
Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.6	0.0	2.1	2.6	6.6	5.0	0.0	0.0	0.0	0.6	0.5
Urinary Organs, other & unspecified	0.0	0.0	0.0	0.0	1.0	0.0	0.7	1.6	5.8	3.6	21.0	42.1	66.8	126.0	168.9	175.0	135.6	140.4	280.0	24.1	16.7
Eye, Brain & Other Parts of the Central Nervous System																					
Eye & Adnexa	3.7	5.5	1.9	3.2	2.9	5.2	5.2	2.3	7.8	2.4	19.4	17.2	14.6	10.3	26.5	20.0	8.5	17.5	0.0	7.2	6.6
Meninges	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.2	0.1
Brain	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Spinal Cord, Cranial Nerves and other CNS	2.8	3.7	1.9	3.2	2.0	5.2	5.2	2.3	7.8	1.2	19.4	17.2	14.6	10.3	23.2	15.0	8.5	17.5	0.0	6.7	6.0
Other Endocrine Glands	0.9	0.9	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.3	0.3
Endocrine Glands																					
Thyroid Gland	0.0	0.0	1.9	1.1	2.0	1.7	4.4	0.0	2.9	3.6	1.6	0.0	4.2	10.3	3.3	3.3	0.0	16.9	0.0	2.3	1.9
Adrenal Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	2.1	10.3	3.3	0.0	16.9	0.0	0.0	1.9	1.4
Other Endocrine Glands & Related Structures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
Hematopoietic & Reticuloendothelial Systems																					
Non-Hodgkin's Lymphoma	6.5	5.5	2.9	6.3	13.8	9.5	14.1	13.2	25.2	24.2	27.5	72.8	114.8	169.7	142.4	205.0	237.3	263.2	240.0	39.6	30.0
Hodgkin's Disease	0.9	0.0	0.0	2.1	2.0	1.7	4.4	7.0	15.5	10.9	16.2	34.5	52.2	74.6	59.6	50.0	59.3	87.7	120.0	15.4	11.9
Leukemia	0.0	0.9	1.0	1.1	9.8	4.4	4.4	3.1	1.9	3.6	3.2	0.0	4.2	5.1	3.3	10.0	8.5	0.0	0.0	3.3	2.9
Multiple Myeloma & Plasmacytoma	5.5	4.6	1.9	3.2	2.0	2.6	5.2	3.1	5.8	8.5	8.1	24.9	41.8	61.7	62.9	110.0	93.2	157.9	40.0	15.6	11.7
Immunoproliferative Diseases	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.9	1.2	0.0	13.4	16.7	20.6	13.2	35.0	42.4	17.5	80.0	4.5	3.1
Other Hematopoietic & Reticuloendothelial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	3.3	0.0	33.9	0.0	0.0	0.9	0.5
Other & Ill-Defined Sites																					
Unknown Primary	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	40.0	0.3	0.2
All Sites Excluding Nonmelanoma of the Skin	12.9	12.9	14.6	24.3	35.4	27.5	57.7	57.6	111.5	163.2	368.3	682.0	1238.0	2010.3	2768.2	3075.0	3415.3	3315.8	2280.0	442.8	308.5
All Sites	12.9	13.8	16.6	28.5	38.3	39.5	89.5	118.4	195.0	313.2	588.0	940.6	1699.4	2704.4	3592.7	4365.0	4779.7	4789.5	3720.0	622.5	434.0

Table 3.1 Deaths due to Cancer by Site and 5-year Age Group, Females & Males, Alberta, 1993

(continued)

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Urinary Tract																				
Bladder	0	0	0	0	0	0	0	0	1	0	4	2	6	7	12	25	25	31	36	18
Kidney & Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	0	2	3	1	10	13	18	12	10
	0	0	0	0	0	0	0	0	1	0	3	2	4	4	11	15	12	18	6	8
Eye, Brain & Other Parts of the Central Nervous System																				
Eye	1	1	1	3	2	1	8	6	9	4	9	14	16	17	19	13	4	1	1	130
Brain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	5
CNS, other & unspecified	1	1	1	2	1	1	8	6	9	4	9	14	16	16	17	12	2	0	1	121
	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	4
Endocrine Glands																				
Thyroid Gland	1	0	0	0	0	0	0	0	0	0	1	3	2	2	1	1	4	4	2	22
Other Endocrine Glands & Related Structures	0	0	0	0	0	0	0	0	0	0	1	2	1	2	1	1	3	3	2	17
	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	5
Lymphatic & Hematopoietic Tissue																				
Lymphosarcoma & Reticulosarcoma	2	0	3	0	5	6	6	7	16	9	14	22	37	39	50	50	45	29	13	353
Hodgkin's Disease	0	0	0	0	0	1	3	1	0	0	2	1	6	5	4	5	2	4	1	35
Other Lymphoid & Histiocytic Tissue	0	0	0	0	1	2	0	0	1	1	0	0	0	0	2	2	1	0	0	10
Multiple Myeloma & Immunoproliferative Neoplasms	0	0	0	0	0	0	0	1	4	5	3	6	11	10	14	11	8	5	3	81
Lymphoid Leukemia	0	0	0	0	0	0	0	1	1	2	2	9	7	7	10	8	19	3	4	73
Myeloid Leukemia	1	0	3	0	1	0	2	2	3	0	2	2	1	5	3	7	7	9	2	50
Monocytic Leukemia	0	0	0	0	2	3	1	2	7	1	5	4	9	11	16	15	6	6	2	90
Leukemia, other	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
Leukemia, unspecified	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	1	2	2	1	11
Other & Ill-Defined Sites																				
	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	1	1	6
Unknown Primary																				
	0	0	0	1	0	0	2	4	8	4	10	13	16	43	51	50	34	20	7	263
All Sites																				
	6	3	7	7	10	14	43	53	111	127	208	291	461	565	683	580	470	291	141	4071

Table 3.2 Deaths due to Cancer by Site and 5-year Age Group, Females, Alberta, 1993

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Head & Neck																				
Lip	0	1	0	0	0	0	0	0	1	0	1	3	4	3	7	6	5	2	3	36
Tongue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Major Salivary Glands	0	0	0	0	0	0	0	0	0	0	1	1	1	0	2	1	2	1	1	10
Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Floor of mouth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mouth, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
Oropharynx	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	1	5
Nasopharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lip, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Nasal Cavity, Middle Ear & Accessory Sinuses	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	2	0	0	6
Larynx	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	2	0	0	0	5
Digestive Organs & Peritoneum																				
Esophagus	0	0	2	0	0	1	2	3	9	5	20	25	43	65	81	68	82	51	32	489
Stomach	0	0	0	0	0	0	0	0	0	1	1	0	0	4	2	0	2	1	2	13
Small Intestine	0	0	0	0	0	0	0	0	1	0	2	0	7	9	5	10	10	10	3	69
Colon	0	0	0	0	0	0	0	1	2	0	5	9	13	18	22	19	31	19	8	148
Rectum, Rectosigmoid Junction & Anus	0	0	0	0	0	0	0	1	3	1	2	4	3	7	11	17	12	8	4	73
Liver & Intrahepatic Bile Ducts	0	0	1	0	0	0	1	0	2	1	4	2	2	0	6	1	6	0	2	28
Gallbladder & Extrahepatic Bile Ducts	0	0	0	0	0	0	0	0	0	0	1	2	2	6	6	2	6	3	4	32
Pancreas	0	0	0	0	0	0	0	0	0	0	6	4	12	19	22	16	10	10	8	108
Retropertitoneum & Peritoneum	0	0	1	0	0	0	1	0	0	0	1	1	1	1	3	2	3	0	0	14
Digestive Organs & Peritoneum, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4
Respiratory System & Intrathoracic Organs																				
Trachea, Bronchus & Lung	0	0	0	0	0	0	1	1	6	24	19	31	56	62	70	46	30	16	6	368
Pleura	0	0	0	0	0	0	0	1	6	23	18	31	56	60	69	45	30	15	6	361
Thymus, Heart & Mediastinum	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	1	0	0	0	5
Respiratory & Intrathoracic, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
Bone & Connective Tissue																				
Bone & Articular Cartilage	0	0	1	0	0	0	0	2	0	1	1	1	1	0	2	4	2	0	0	15
Connective & Other Soft Tissue	0	0	1	0	0	0	0	1	0	1	0	1	0	0	2	4	2	0	0	3
Melanoma of the Skin	0	0	0	0	0	0	1	4	4	2	1	0	3	2	3	1	1	0	1	23
Nonmelanoma of the Skin	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0	2	6
Breast	0	0	0	0	0	1	11	7	16	24	47	30	38	42	62	42	32	15	10	377
Female Genital Organs																				
Uterus, unspecified	0	0	0	0	0	0	1	4	12	14	15	19	20	25	16	23	16	12	7	189
Cervix Uteri	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	1	5
Placenta	0	0	0	0	0	1	2	3	6	3	1	3	4	2	1	2	2	1	1	32
Body of Uterus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ovary & Other Uterine Adnexa	0	0	0	0	0	0	0	0	0	2	0	3	1	8	5	13	4	1	3	40
Female Genital Organs, other & unspecified	0	0	0	1	0	0	1	1	5	9	14	11	14	15	8	7	7	9	2	104

Table 3.2 Deaths due to Cancer by Site and 5-year Age Group, Females, Alberta, 1993

(continued)

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Urinary Tract																				
Bladder	0	0	0	0	0	0	0	0	0	2	1	2	3	7	10	10	11	8	8	65
Kidney & Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	2	1	2	3	3	6	8	6	3	4	24
Eye, Brain & Other Parts of the Central Nervous System																				
Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3
Brain	0	0	1	0	1	0	2	1	4	2	3	2	10	7	6	3	0	0	0	43
CNS, other & unspecified	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
Endocrine Glands																				
Thyroid Gland	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	1	3	3	12
Other Endocrine Glands & Related Structures	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	2	2	1	8
	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	4
Lymphatic & Hematopoietic Tissue																				
Lymphosarcoma & Reticulosarcoma	2	0	0	0	3	2	3	2	11	4	3	7	17	19	22	19	19	15	8	156
Hodgkin's Disease	0	0	0	0	0	1	2	1	0	0	0	0	5	3	1	4	1	3	1	22
Other Lymphoid & Histiocytic Tissue	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2
Multiple Myeloma & Immunoproliferative Neoplasms	0	0	0	0	0	0	0	0	3	2	1	2	4	5	7	6	5	2	2	39
Lymphoid Leukemia	0	0	0	0	0	0	0	0	1	0	1	4	3	3	5	4	5	1	2	30
Myeloid Leukemia	1	0	0	0	1	0	0	0	2	0	0	0	1	0	1	1	4	4	1	16
Monocytic Leukemia	0	0	0	0	2	1	1	0	6	0	1	1	3	7	8	2	3	5	1	41
Leukemia, other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leukemia, unspecified	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	5
Other & Ill-Defined Sites																				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3
Unknown Primary																				
	0	0	0	1	0	0	1	3	5	2	7	5	4	20	24	21	17	14	6	130

All Sites

3 1 4 3 4 5 25 27 70 79 119 129 203 257 305 248 217 137 81 1917

Table 3.3 Deaths due to Cancer by Site and 5-year Age Group, Males, Alberta, 1993

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Head & Neck																				
Lip	0	0	0	0	0	0	0	0	4	4	5	10	13	14	11	11	2	3	0	80
Tongue	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Major Salivary Glands	0	0	0	0	0	0	0	1	0	2	1	1	1	3	2	0	0	0	0	11
Gum	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
Floor of mouth	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Mouth, other & unspecified	0	0	0	0	0	0	0	0	1	1	0	1	0	1	2	0	1	1	0	6
Oropharynx	0	0	0	0	0	0	0	0	1	2	1	0	3	4	1	1	1	0	0	14
Nasopharynx	0	0	0	0	0	0	0	0	0	0	1	2	1	2	1	0	0	0	0	4
Hypopharynx	0	0	0	0	0	0	1	0	0	0	2	4	0	1	2	1	0	1	0	12
Lip, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	2
Nasal Cavity, Middle Ear & Accessory Sinuses	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1	0	0	0	3
Larynx	0	0	0	0	0	0	0	0	0	0	0	1	5	4	1	7	0	0	0	18
Digestive Organs & Peritoneum	1	0	0	1	1	0	3	5	12	12	32	50	70	79	107	69	60	42	22	566
Esophagus	0	0	0	0	0	0	0	1	0	0	3	7	5	9	9	3	3	1	0	41
Stomach	0	0	0	0	1	0	1	1	2	1	5	9	8	14	21	9	14	8	2	96
Small Intestine	0	0	0	0	0	0	0	0	0	0	1	0	1	2	3	0	0	0	0	7
Colon	0	0	0	0	0	0	1	2	4	7	5	12	19	19	20	20	21	14	6	150
Rectum, Rectosigmoid Junction & Anus	1	0	0	0	0	0	0	1	0	1	6	8	18	9	22	19	5	9	6	104
Liver & Intrahepatic Bile Ducts	0	0	0	1	0	0	1	0	3	0	3	3	5	5	7	4	0	2	2	37
Gallbladder & Extrahepatic Bile Ducts	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	2	0	1	1	13
Pancreas	0	0	0	0	0	0	0	0	3	3	8	9	11	19	22	10	16	5	3	109
Retropertitoneum & Peritoneum	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	3
Digestive Organs & Peritoneum, other & Ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	6
Respiratory System & Intrathoracic Organs	0	0	0	0	0	0	0	2	7	15	22	46	97	104	114	95	70	28	6	606
Trachea, Bronchus & Lung	0	0	0	0	0	0	0	1	7	14	20	45	90	100	112	94	70	28	6	587
Pleura	0	0	0	0	0	0	0	0	0	1	1	1	7	4	2	1	0	0	0	17
Thymus, Heart & Mediastinum	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2
Respiratory & Intrathoracic, other & Ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bone & Connective Tissue	1	1	0	1	0	0	0	0	1	2	0	2	4	2	0	0	1	0	0	15
Bone & Articular Cartilage	0	0	0	1	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	5
Connective & Other Soft Tissue	1	1	0	0	0	0	0	0	1	0	0	2	2	2	0	0	1	0	0	10
Melanoma of the Skin	0	0	0	0	1	2	2	3	2	0	1	1	2	3	5	0	0	0	1	23
Nonmelanoma of the Skin	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	0	6
Breast	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	3
Male Genital Organs	0	0	0	0	1	1	0	1	0	1	2	8	14	35	51	63	59	47	16	299
Prostate Gland	0	0	0	0	0	0	0	0	1	1	1	7	14	34	51	63	59	47	16	293
Testis	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3
Penis & Other Male Genital Organs	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	3

Table 3.3 Deaths due to Cancer by Site and 5-year Age Group, Males, Alberta, 1993

(continued)

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Urinary Tract																				
Bladder	0	0	0	0	0	0	1	0	4	0	5	5	9	18	15	25	10	10	8	131
Kidney & Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	1	0	2	3	1	6	9	11	7	6	7	66
Eye, Brain & Other Parts of the Central Nervous System																				
Eye	1	1	0	2	1	1	1	6	5	5	2	6	12	6	9	12	9	3	1	0
Brain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
CNS, other & unspecified	1	1	0	2	0	1	6	5	5	2	6	12	6	9	11	9	2	0	0	78
	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
Endocrine Glands																				
Thyroid Gland	0	0	0	0	0	0	0	0	0	1	0	1	1	2	0	0	1	1	1	10
Other Endocrine Glands & Related Structures	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	9
Lymphatic & Hematopoietic Tissue																				
Lymphosarcoma & Reticulosarcoma	0	0	3	0	2	4	3	5	5	5	11	15	20	20	28	31	26	14	5	197
Hodgkin's Disease	0	0	0	0	0	0	1	0	0	0	2	1	1	2	3	1	1	1	0	13
Other Lymphoid & Histiocytic Tissue	0	0	0	0	1	2	0	0	1	0	0	0	0	0	2	1	1	0	0	8
Multiple Myeloma & Immunoproliferative Neoplasms	0	0	0	0	0	0	0	0	1	3	2	4	7	5	7	5	3	3	1	42
Lymphoid Leukemia	0	0	0	0	0	0	0	0	1	1	1	5	4	4	5	4	14	2	2	43
Myeloid Leukemia	0	0	3	0	0	0	2	0	1	0	2	2	0	5	2	6	3	5	1	34
Monocytic Leukemia	0	0	0	0	0	2	0	2	1	1	4	3	6	4	8	13	3	1	1	49
Leukemia, other	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
Leukemia, unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other & Ill-Defined Sites	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	3
Unknown Primary	0	0	0	0	0	0	1	1	3	2	3	8	12	23	27	29	17	6	1	133
All Sites	3	2	3	4	6	9	18	26	41	48	89	162	258	308	378	332	253	154	60	2154

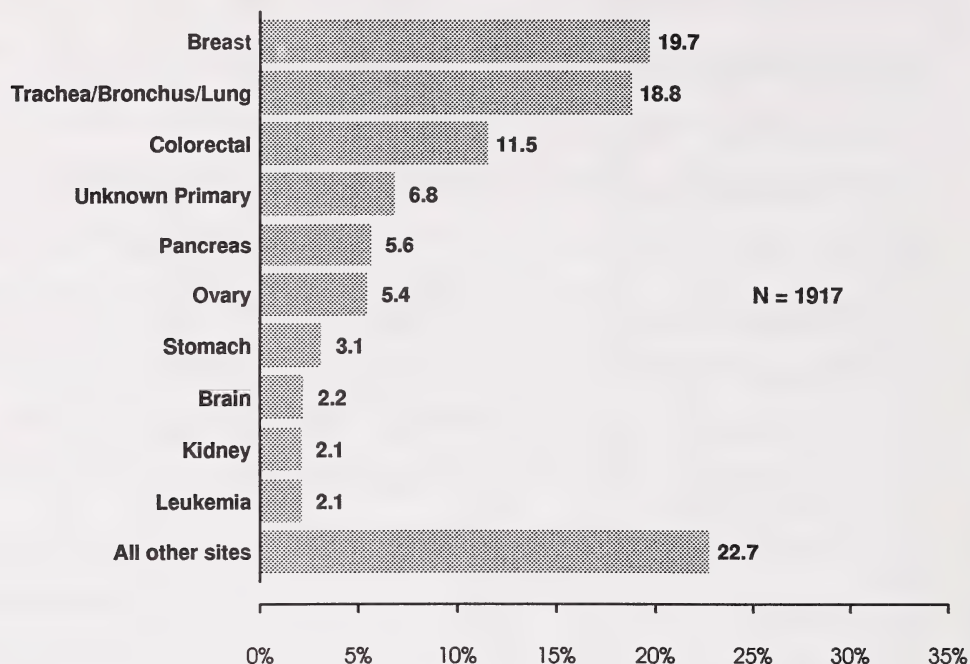
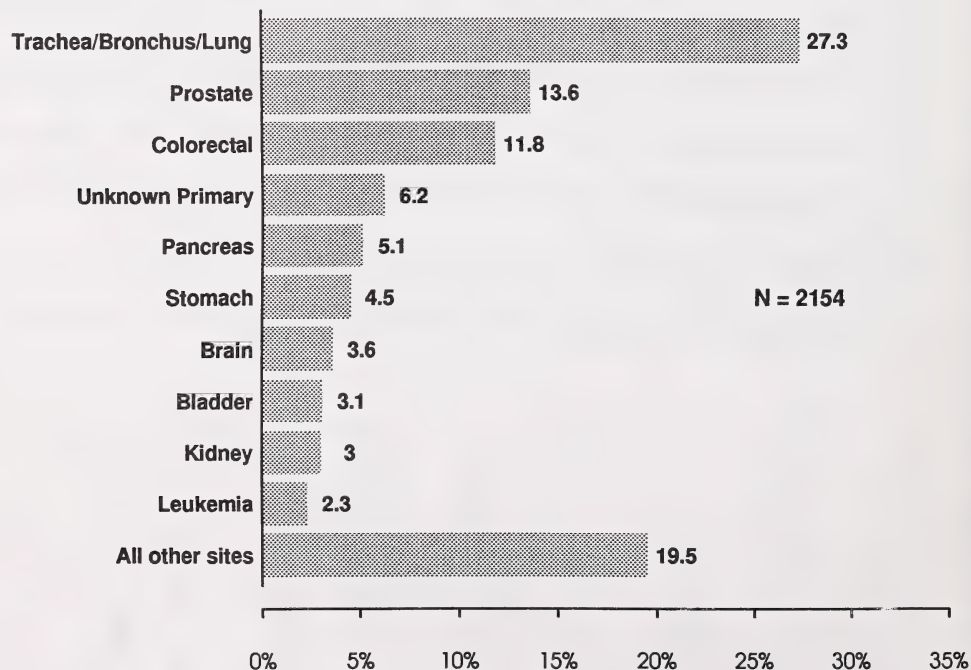
Table 4.1 Deaths/100000 due to Cancer by Site and 5-year Age Group, Females, Alberta, 1993
(continued)

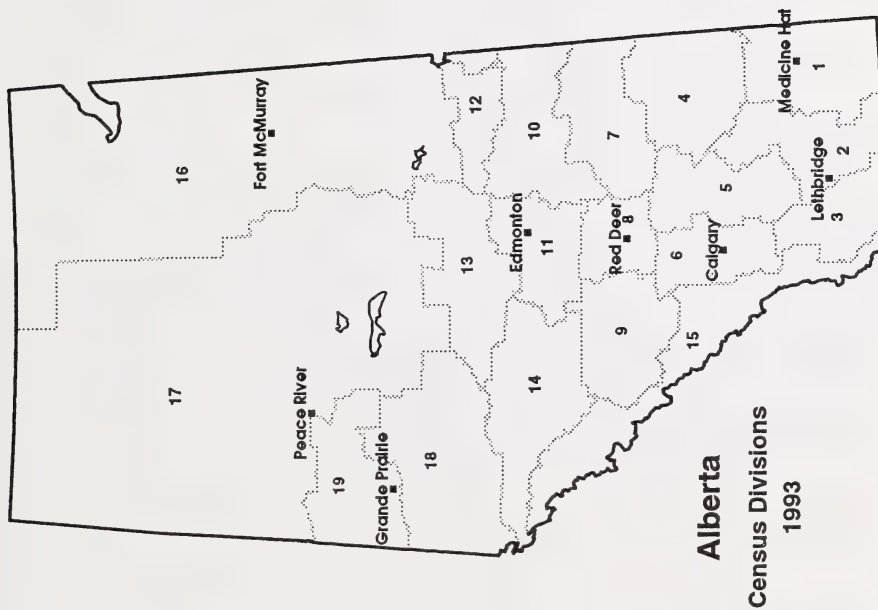
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Canada Std.	World Std.
Lymphatic & Hematopoietic Tissue	1.9	0.0	0.0	0.0	3.0	1.8	2.3	1.6	11.2	5.0	6.1	13.9	36.1	46.0	59.6	69.6	103.3	144.2	148.1	12.3	8.6
Lymphosarcoma & Reticulosarcoma	0.0	0.0	0.0	0.0	0.0	0.9	1.5	0.8	0.0	0.0	0.0	0.0	10.6	7.1	2.7	14.7	5.4	28.8	18.5	1.8	1.2
Hodgkin's Disease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	2.5	1.7	4.0	8.5	11.8	19.0	22.0	27.2	19.2	0.0	0.2	0.1
Other Lymphoid & Histiocytic Tissue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.7	8.0	6.4	7.1	13.6	14.7	27.2	9.6	37.0	3.1	2.1
Multiple Myeloma & Immunoproliferative Neoplasms	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	2.1	0.0	2.7	3.7	21.7	38.5	18.5	2.4	1.6
Lymphoid Leukemia	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.7	7.3	16.3	48.1	18.5	1.2	0.8
Myeloid Leukemia	0.0	0.0	0.0	0.0	2.0	0.9	0.8	0.0	6.1	0.0	1.7	2.0	6.4	16.6	21.7	7.3	16.3	48.1	18.5	3.3	2.3
Monocytic Leukemia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Leukemia, other	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Leukemia, unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.4	0.0	3.7	5.4	0.0	18.5	0.4	0.3
Other & Ill-Defined Sites	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	0.2	0.1
Unknown Primary	0.0	0.0	0.0	1.1	0.0	0.0	0.8	2.5	5.1	2.6	11.8	10.0	8.6	47.4	65.0	76.9	92.4	134.6	111.1	10.3	6.7
All Sites	2.9	1.0	4.1	3.3	4.0	4.4	19.2	22.2	71.2	99.2	201.4	257.0	431.0	609.0	826.6	908.4	1179.3	1317.3	1500.0	153.8	108.8

Table 4.2 Deaths/100000 due to Cancer by Site and 5-year Age Group, Males, Alberta, 1993

(continued)

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Canada Std.	World Std.
Lymphatic & Hematopoietic Tissue	0.0	0.0	2.9	0.0	2.0	3.4	2.2	3.9	4.8	6.0	17.8	28.7	41.8	51.4	92.7	155.0	220.3	245.6	200.0	19.3	12.6
Lymphosarcoma & Reliculosarcoma	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	3.2	1.9	2.1	5.1	9.9	5.0	8.5	17.5	0.0	1.2	0.9
Hodgkin's Disease	0.0	0.0	0.0	0.0	1.0	1.7	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	6.6	5.0	8.5	0.0	0.0	0.7	0.5
Other Lymphoid & Histiocytic Tissue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.0	3.6	3.2	7.7	14.6	12.9	23.2	25.0	25.4	52.6	40.0	4.0	2.8
Multiple Myeloma & Immunoproliferative Neoplasms	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.2	1.6	9.6	8.4	10.3	16.6	20.0	118.6	35.1	80.0	4.4	2.6
Lymphoid Leukemia	0.0	0.0	2.9	0.0	0.0	0.0	1.5	1.6	1.0	0.0	3.2	3.8	0.0	12.9	6.6	30.0	25.4	87.7	40.0	3.3	2.1
Myeloid Leukemia	0.0	0.0	0.0	0.0	0.0	1.7	0.0	1.6	1.0	1.2	6.5	5.7	12.5	10.3	26.5	65.0	25.4	17.5	40.0	4.7	3.2
Monocytic Leukemia	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.2	0.1
Leukemia, other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Leukemia, unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	3.3	0.0	8.5	35.1	0.0	0.6	0.4
Other & Ill-Defined Sites	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.9	0.0	0.0	0.3	0.1
Unknown Primary	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	2.9	2.4	4.8	15.3	25.1	59.1	89.4	146.0	144.1	105.3	40.0	13.4	8.4
All Sites	2.8	1.8	2.9	4.2	5.9	7.7	13.3	20.2	39.8	58.0	143.8	310.3	538.6	791.8	1251.7	1660.0	2144.1	2701.8	2400.0	214.9	140.4

Figure 2.1 Percent Distribution of Deaths due to Cancer for Selected Sites, Females, Alberta, 1993**Figure 2.2** Percent Distribution of Deaths due to Cancer for Selected Sites, Males, Alberta, 1993



Northern Alberta is defined as census divisions 7 through 19, excluding census division 15.

Southern Alberta & the Mountain Parks is defined as census divisions 1 through 6 and census division 15.

This allocation is based on the registration pattern of cancer cases diagnosed in the nineteen census divisions that comprise Alberta. For more detailed information consult *The Alberta Cancer Registry 1993 Annual Report Technical Supplement*.

Table 5.1 New Invasive Cancers by Site and 5-year Age Group, Females & Males, Northern Alberta, Diagnosed in 1993

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total	
Head & Neck																					
Lip	0	0	0	0	0	0	1	4	9	11	21	14	24	24	21	21	5	5	2	162	
Base of Tongue	0	0	0	0	0	0	0	1	1	1	2	4	3	6	6	3	4	2	0	33	
Tongue, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	0	0	0	0	7	
Gum	0	0	0	0	0	0	1	0	1	2	1	0	0	0	2	4	1	0	0	12	
Floor of mouth	0	0	0	0	0	0	0	0	2	0	0	1	0	2	0	1	0	0	0	6	
Palate	0	0	0	0	0	0	0	0	2	1	2	1	2	2	0	2	0	0	0	12	
Mouth, other & unspecified	0	0	0	0	0	0	0	0	0	1	1	0	2	1	1	0	0	0	1	7	
Parotid Gland	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0	1	0	5	
Major Salivary Glands, other & unspecified	0	0	0	0	0	0	0	1	0	2	1	0	0	1	2	0	0	0	0	7	
Tonsil	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	0	0	0	7	
Oropharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	
Nasopharynx	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	1	0	1	0	9	
Pyiform Sinus	0	0	0	0	0	0	0	0	1	2	3	0	0	3	1	0	0	0	0	10	
Hypopharynx	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	1	0	4	
Lip, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	4	
Nasal Cavity & Middle Ear	0	0	0	0	0	0	0	0	0	0	2	0	0	1	1	0	0	0	0	4	
Accessory Sinuses	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	0	0	0	0	4	
Larynx	0	0	0	0	0	0	0	1	1	0	4	4	9	3	3	3	0	0	0	28	
Digestive Organs	2	0	0	0	0	0	3	5	13	19	31	57	81	97	131	150	115	64	26	920	
Esophagus	0	0	0	0	0	0	0	0	0	2	1	1	3	11	6	7	3	1	0	36	
Stomach	0	0	0	0	0	0	2	2	1	3	6	11	9	21	18	13	18	9	3	116	
Small Intestine	0	0	0	0	0	0	0	0	1	2	0	1	2	1	3	4	2	0	1	19	
Colon	0	0	0	0	0	0	2	0	5	16	16	19	22	46	56	43	45	24	7	307	
Rectosigmoid Junction	0	0	0	0	0	0	1	2	0	3	2	5	9	11	14	13	14	5	3	82	
Rectum	0	0	0	0	0	0	0	0	1	3	4	9	18	15	13	19	21	7	4	133	
Anus & Anal Canal	0	0	0	0	0	0	1	0	1	0	2	1	2	2	0	1	1	1	0	11	
Liver & Intrahepatic Bile Ducts	2	0	0	0	0	0	1	1	1	0	5	5	4	6	6	4	4	4	3	45	
Gallbladder	0	0	0	0	0	0	0	0	0	0	3	5	2	1	5	2	4	3	1	26	
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	1	3	2	2	2	1	1	1	14	
Pancreas	0	0	0	0	0	0	0	3	1	5	8	7	17	17	17	21	15	9	4	124	
Digestive Organs, other & Ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	1	7	
Respiratory System & Intrathoracic Organs	0	0	0	0	0	0	1	2	4	17	19	55	78	107	135	116	107	50	23	6	720
Trachea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Bronchus/Lung	0	0	0	0	0	0	1	1	4	16	19	54	76	104	131	116	107	49	23	6	707
Thymus	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	3	
Heart, Mediastinum & Pleura	0	0	0	0	0	0	1	0	0	0	0	2	3	3	0	0	0	0	0	9	
Respiratory & Intrathoracic, other & Ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bones & Connective Tissue	0	0	4	5	1	1	4	1	4	4	4	3	4	1	3	3	1	1	0	40	
Bones, Joints & Articular Cartilage of Limbs	0	0	3	3	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	9	
Bones, Joints & Articular Cartilage of Other Sites	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	4	
Connective, Subcutaneous & Other Soft Tissues	0	0	1	1	1	1	3	1	4	4	2	3	1	2	2	0	1	0	0	27	
Melanoma	0	0	1	0	3	5	8	17	14	19	12	11	14	7	16	8	5	2	5	147	
Skin	0	0	1	0	3	4	8	16	14	19	11	10	12	6	14	6	5	2	5	136	
Eye	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	5	
Other	0	0	0	0	0	1	0	1	0	0	1	1	1	0	0	1	0	0	0	6	
Nonmelanoma of the Skin	0	0	2	1	2	14	29	50	47	82	108	87	152	189	158	170	130	73	43	1337	
Peripheral Nerves & Autonomic Nervous System	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	

Northern Alberta includes census divisions 7,8,9,10,11,12,13,14,16,17,18,19.

Table 5.1 New Invasive Cancers by Site and 5-year Age Group, Females & Males, Northern Alberta, Diagnosed in 1993

(continued)

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Retroperitoneum & Peritoneum	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	0	3	0	0	8
Breast	0	0	0	0	0	4	19	37	62	81	71	61	77	82	67	40	36	24	7	668
Female Genital Organs	0	0	1	3	3	7	15	27	16	41	22	35	42	33	35	20	17	11	5	333
Vulva	0	0	0	0	0	1	1	0	0	1	0	0	1	0	0	3	2	0	0	9
Vagina	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	1	4
Cervix Uteri	0	0	0	0	2	5	11	12	3	7	5	5	4	1	5	0	4	3	1	68
Endometrium	0	0	0	0	0	0	1	5	2	11	8	19	24	20	20	11	6	4	2	133
Other Uterus & Uterus, NOS	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	1	6
Ovary	0	0	1	3	1	1	2	10	10	20	8	10	12	10	10	5	5	4	0	112
Female Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Placenta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Male Genital Organs	1	1	0	3	6	2	8	10	4	6	14	43	95	146	171	114	104	43	12	783
Penis	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	3
Prostate Gland	1	0	0	0	0	0	0	0	1	5	14	41	94	145	170	114	104	43	12	744
Testis	0	1	0	3	6	2	8	9	3	1	0	1	1	0	1	0	0	0	0	36
Male Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urinary Tract	3	1	1	0	1	0	5	1	10	8	20	30	36	70	45	36	21	10	6	304
Kidney	3	1	1	0	0	0	3	1	5	5	10	15	17	27	18	13	4	4	2	129
Renal Pelvis	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	2	0	0	1	7
Ureter	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	5
Bladder	0	0	0	0	1	0	2	0	4	3	10	15	19	38	24	18	17	6	3	160
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	3
Eye, Brain & Other Parts of the Central Nervous System	1	9	2	2	1	2	5	4	10	3	5	3	8	9	4	1	0	2	0	71
Eye & Adnexa	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Meninges	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
Brain	1	7	2	2	0	2	4	4	10	1	5	3	8	9	4	1	0	2	0	65
Spinal Cord, Cranial Nerves and other CNS	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	3
Endocrine Glands	0	0	2	2	3	4	7	7	11	6	6	2	4	6	3	0	2	0	1	66
Thyroid Gland	0	0	1	1	3	4	7	7	11	6	6	1	3	6	3	0	2	0	1	62
Adrenal Gland	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
Other Endocrine Glands & Related Structures	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Hematopoietic & Reticuloendothelial Systems	5	5	3	8	11	11	17	13	19	19	23	30	61	76	43	46	41	24	6	461
Nonhodgkin's Lymphoma	1	0	0	1	3	2	3	8	10	9	10	14	28	33	25	18	14	8	5	192
Hodgkin's Disease	0	0	0	5	6	6	8	4	2	4	3	0	1	3	1	2	1	1	0	47
Leukemia	4	5	3	2	2	2	6	1	5	6	9	10	23	30	10	18	14	12	1	163
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	1	0	0	2	0	1	6	9	10	6	7	9	3	0	54
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	0	0	5
Other Hematopoietic & Reticuloendothelial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other & Ill-Defined Sites	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	3
Unknown Primary	0	0	0	0	1	0	1	2	4	4	9	7	15	24	25	27	18	9	3	149
All Sites Excluding Nonmelanoma of the Skin	12	17	14	23	30	40	97	140	200	252	320	400	582	748	699	548	418	217	79	4836
All Sites	12	17	16	24	32	54	126	190	247	334	428	487	734	937	857	718	548	290	122	6173

Table 5.2 New Invasive Cancers by Site and 5-year Age Group, Females, Northern Alberta, Diagnosed in 1993

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Head & Neck																				
Lip	0	0	0	0	0	0	0	0	1	2	2	5	4	9	4	10	8	1	2	2
Base of Tongue	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	0	0	1	0
Tongue, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gum	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	4	1	0	0
Floor of mouth	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Palate	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0
Mouth, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1
Parotid Gland	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	3
Major Salivary Glands, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	4
Tonsil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
Oropharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
Nasopharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Pyiform Sinus	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1
Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Lip, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nasal Cavity & Middle Ear	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Accessory Sinuses	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	3
Larynx	0	0	0	0	0	0	0	0	1	0	0	0	2	3	0	1	0	0	0	7
Digestive Organs	1	0	0	0	0	0	2	5	9	7	13	24	22	33	56	61	68	62	32	412
Esophagus	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	2	1	1	0	11
Stomach	0	0	0	0	0	0	0	2	2	0	1	0	1	2	3	6	6	4	2	31
Small Intestine	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	1	1	1	0	10
Colon	0	0	0	0	0	2	0	3	4	10	6	7	7	25	26	23	23	15	6	157
Rectosigmoid Junction	0	0	0	0	0	0	2	0	1	2	1	3	2	3	4	7	8	3	1	34
Rectum	0	0	0	0	0	0	0	1	2	1	3	2	5	4	7	10	10	2	2	49
Anus & Anal Canal	0	0	0	0	0	0	1	0	0	0	2	1	1	2	0	1	1	1	0	10
Liver & Intrahepatic Bile Ducts	1	0	0	0	0	0	0	1	0	0	3	0	1	0	2	4	4	1	1	18
Gallbladder	0	0	0	0	0	0	0	0	0	0	2	4	1	1	2	1	4	2	1	18
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	5
Pancreas	0	0	0	0	0	0	0	2	0	1	4	3	8	11	6	12	10	6	3	66
Digestive Organs, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	3
Respiratory System & Intrathoracic Organs	0	0	0	0	0	1	1	1	1	11	12	29	45	42	51	36	27	13	4	274
Trachea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bronchus/Lung	0	0	0	0	0	1	1	1	1	11	12	28	45	42	51	36	27	13	4	273
Thymus	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Heart, Mediastinum & Pleura	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Respiratory & Intrathoracic, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bones & Connective Tissue	0	0	1	2	0	1	2	0	1	3	0	1	0	2	2	2	0	0	0	15
Bones, Joints & Articular Cartilage of Limbs	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Bones, Joints & Articular Cartilage of Other Sites	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	2
Connective, Subcutaneous & Other Soft Tissues	0	0	1	1	0	1	1	0	1	3	0	1	0	2	1	0	0	0	0	12
Melanoma	0	0	1	0	0	2	4	11	8	11	5	6	7	2	9	4	3	1	4	78
Skin	0	0	1	0	0	1	4	11	8	11	4	5	5	1	7	2	3	1	4	68
Eye	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	5
Other	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	1	0	0	0	5
Nonmelanoma of the Skin	0	0	0	1	0	7	13	26	23	31	47	35	61	81	58	65	65	34	24	571
Peripheral Nerves & Autonomic Nervous System	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Northern Alberta includes census divisions 7,8,9,10,11,12,13,14,16,17,18,19.

Table 5.2 New Invasive Cancers by Site and 5-year Age Group, Females, Northern Alberta, Diagnosed in 1993
(continued)

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Retroperitoneum & Peritoneum	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	2	0	0	5
Breast	0	0	0	0	0	0	4	19	37	62	81	70	61	77	82	67	40	34	22	663
Female Genital Organs	0	0	1	3	3	7	15	27	16	41	22	35	42	33	35	20	17	11	5	333
Vulva	0	0	0	0	0	0	1	1	0	0	1	0	0	1	0	0	3	2	0	9
Vagina	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	4
Cervix Uteri	0	0	0	0	0	2	5	11	12	3	7	5	4	1	5	0	4	3	1	68
Endometrium	0	0	0	0	0	0	1	5	2	11	8	19	24	20	20	11	6	4	2	133
Other Uterus & Uterus, NOS	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	1	6
Ovary	0	0	1	3	1	1	2	10	10	20	8	10	12	10	10	5	5	4	0	112
Female Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Placenta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urinary Tract	2	0	0	0	0	0	3	0	1	2	5	8	8	17	6	15	11	7	1	86
Kidney	2	0	0	0	0	0	2	0	0	1	4	4	4	4	5	6	3	3	1	39
Renal Pelvis	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
Ureter	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	3
Bladder	0	0	0	0	0	0	0	1	0	1	1	4	4	11	0	6	8	4	0	41
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Eye, Brain & Other Parts of the Central Nervous System	0	3	1	0	1	0	2	3	5	1	0	1	5	5	2	1	0	1	0	31
Eye & Adnexa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meninges	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Brain	0	3	1	0	0	0	1	3	5	0	0	1	5	5	2	1	0	1	0	28
Spinal Cord, Cranial Nerves and other CNS	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
Endocrine Glands	0	0	1	1	3	3	4	7	9	4	6	2	2	3	2	0	1	0	1	49
Thyroid Gland	0	0	1	1	3	3	4	7	9	4	6	1	2	3	2	0	1	0	1	48
Adrenal Gland	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Other Endocrine Glands & Related Structures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hematopoietic & Reticuloendothelial Systems	2	1	2	5	4	4	5	3	6	7	13	11	23	31	23	16	20	14	4	194
Nonhodgkin's Lymphoma	0	0	0	0	2	1	1	1	3	4	4	5	12	13	14	8	7	5	3	83
Hodgkin's Disease	0	0	0	4	2	2	3	2	0	1	1	0	0	1	0	0	1	1	0	18
Leukemia	2	1	2	1	0	1	1	0	3	2	7	4	9	13	4	5	6	6	1	68
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	0	0	0	0	1	2	2	2	4	5	2	6	2	0	24
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Other Hematopoietic & Reticuloendothelial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other & Ill-Defined Sites	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	2
Unknown Primary	0	0	0	0	0	0	0	2	3	2	7	1	4	9	10	9	8	5	2	62
All Sites Excluding Nonmelanoma of the Skin	5	5	7	11	11	24	60	101	131	179	187	197	253	297	263	209	172	99	44	2255
All Sites	5	5	7	12	11	31	73	127	154	210	234	232	314	378	321	274	237	133	68	2826

Table 5.3 New Invasive Cancers by Site and 5-year Age Group, Males, Northern Alberta, Diagnosed in 1993

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Head & Neck	0	0	0	0	0	0	1	3	7	9	16	10	15	20	11	13	4	3	0	112
Lip	0	0	0	0	0	0	0	0	1	1	1	4	3	5	3	3	4	1	0	27
Base of Tongue	0	0	0	0	0	0	0	1	0	1	1	1	1	2	1	0	0	0	0	7
Tongue, other & unspecified	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	0	0	0	4
Gum	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	0	0	0	4
Floor of mouth	0	0	0	0	0	0	0	0	2	1	1	0	0	2	0	2	0	0	0	8
Palate	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	4
Mouth, other & unspecified	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	2
Parotid Gland	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	3
Major Salivary Glands, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tonsil	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	2	0	0	0	5
Oropharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Nasopharynx	0	0	0	0	0	0	0	0	0	1	3	0	1	0	0	1	0	0	0	6
Pyrimiform Sinus	0	0	0	0	0	0	0	0	1	2	3	0	0	2	1	0	0	0	0	9
Hypopharynx	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	1	0	4
Up, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	3
Nasal Cavity & Middle Ear	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	3
Accessory Sinuses	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Larynx	0	0	0	0	0	0	0	0	1	0	4	2	6	3	2	3	0	0	0	21
Digestive Organs	1	0	0	0	0	1	0	4	12	18	33	59	64	75	89	58	53	32	9	508
Esophagus	0	0	0	0	0	0	0	0	2	1	1	3	8	3	5	2	0	0	0	25
Stomach	0	0	0	0	0	0	0	0	1	2	6	10	7	18	12	7	14	7	1	85
Small Intestine	0	0	0	0	0	0	0	0	1	2	0	0	0	1	3	1	1	0	0	9
Colon	0	0	0	0	0	0	0	2	6	10	12	15	21	30	20	22	9	1	0	150
Rectosigmoid Junction	0	0	0	0	0	1	0	0	2	2	7	8	10	6	6	2	2	0	0	48
Rectum	0	0	0	0	0	0	0	0	1	3	6	16	10	9	12	11	9	5	2	84
Anus & Anal Canal	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
Liver & Intrahepatic Bile Ducts	1	0	0	0	0	0	0	0	1	0	2	5	3	6	4	0	0	0	0	27
Gallbladder	0	0	0	0	0	0	0	0	0	0	1	1	1	0	3	1	0	1	0	8
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	1	2	1	2	1	0	0	1	9
Pancreas	0	0	0	0	0	0	0	1	1	4	4	4	9	6	11	9	5	3	1	58
Digestive Organs, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	4
Respiratory System & Intra-thoracic Organs	0	0	0	0	0	0	1	3	6	7	26	33	65	84	80	80	37	19	5	446
Trachea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Bronchus/Lung	0	0	0	0	0	0	0	3	5	7	26	31	62	80	80	80	36	19	5	434
Thymus	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2
Heart, Mediastinum & Pleura	0	0	0	0	0	0	1	0	0	0	2	3	3	3	0	0	0	0	0	9
Respiratory & Intra-thoracic, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bones & Connective Tissue	0	0	3	3	1	0	2	1	3	1	3	3	1	1	1	1	1	0	0	25
Bones, Joints & Articular Cartilage of Limbs	0	0	3	2	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	8
Bones, Joints & Articular Cartilage of Other Sites	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
Connective, Subcutaneous & Other Soft Tissues	0	0	0	0	1	0	2	1	3	1	2	2	1	0	1	0	1	0	0	15
Melanoma	0	0	0	0	3	3	4	6	6	8	7	5	7	5	7	4	2	1	1	69
Skin	0	0	0	0	3	3	4	5	6	8	7	5	7	5	7	4	2	1	1	68
Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Nonmelanoma of the Skin	0	0	2	0	2	7	16	24	24	51	61	52	91	108	100	105	65	39	19	766
Peripheral Nerves & Autonomic Nervous System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Northern Alberta includes census divisions 7,8,9,10,11,12,13,14,16,17,18,19.

Table 5.3 New Invasive Cancers by Site and 5-year Age Group, Males, Northern Alberta, Diagnosed in 1993

(continued)

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Retroperitoneum & Peritoneum	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	3
Breast	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	2	0	5
Male Genital Organs	1	1	0	3	6	2	8	10	4	6	14	43	95	146	171	114	104	43	12	783
Penis	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	3
Prostate Gland	1	0	0	0	0	0	0	0	1	5	14	41	94	145	170	114	104	43	12	744
Testis	0	1	0	3	6	2	8	9	3	1	0	1	1	0	1	0	0	0	0	36
Male Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urinary Tract	1	1	1	0	1	0	1	0	2	1	9	6	15	22	28	53	39	21	10	3
Kidney	1	1	1	0	0	0	0	1	1	5	4	6	11	13	23	13	7	1	1	90
Renal Pelvis	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	1	5
Ureter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
Bladder	0	0	0	0	0	1	0	1	0	3	2	9	11	15	27	24	12	9	2	119
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
Eye, Brain & Other Parts of the Central Nervous System	1	6	1	2	0	2	3	1	5	2	5	2	3	4	2	0	0	1	0	40
Eye & Adnexa	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Meninges	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Brain	1	4	1	2	0	2	3	1	5	1	5	2	3	4	2	0	0	1	0	37
Spinal Cord, Cranial Nerves and other CNS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Endocrine Glands	0	0	1	1	0	1	3	0	2	2	0	0	2	3	1	0	1	0	0	17
Thyroid Gland	0	0	0	0	0	1	3	0	2	2	0	0	1	3	1	0	1	0	0	14
Adrenal Gland	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Other Endocrine Glands & Related Structures	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Hematopoietic & Reticuloendothelial Systems	3	4	1	3	7	7	12	10	13	12	10	19	38	45	20	30	21	10	2	267
Nonhodgkin's Lymphoma	1	0	0	1	1	1	2	7	7	5	6	9	16	20	11	10	7	3	2	109
Hodgkin's Disease	0	0	0	1	4	4	5	2	2	3	2	0	1	2	1	2	0	0	0	29
Leukemia	2	4	1	1	2	1	5	1	2	4	2	6	14	17	6	13	8	6	0	95
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	1	0	0	2	0	0	4	7	6	1	5	3	1	0	30
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	4
Other Hematopoietic & Reticuloendothelial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other & Ill-Defined Sites	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Unknown Primary	0	0	0	0	1	0	1	0	1	2	2	6	11	15	15	18	10	4	1	87
All Sites Excluding Nonmelanoma of the Skin	7	12	7	12	19	16	37	39	69	73	133	203	329	451	436	339	246	118	35	2581
All Sites	7	12	9	12	21	23	53	63	93	124	194	255	420	559	536	444	311	157	54	3347

Table 6.1 New Invasive Cancers by Site and 5-year Age Group, Females & Males, Southern Alberta & the Mountain Parks, Diagnosed in 1993

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Head & Neck																				
Lip	0	0	0	0	0	0	3	3	7	11	8	12	12	22	21	18	11	3	2	133
Base of Tongue	0	0	0	0	0	0	0	0	1	1	1	1	1	6	4	6	1	0	0	22
Tongue, other & unspecified	0	0	0	0	0	0	0	0	0	1	2	2	0	3	1	0	2	0	0	11
Gum	0	0	0	0	0	0	1	0	3	2	2	0	0	2	1	3	4	1	0	19
Floor of mouth	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Palate	0	0	0	0	0	0	0	1	0	2	0	1	1	2	2	1	1	0	0	11
Mouth, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
Parotid Gland	0	0	0	0	0	0	0	0	0	0	1	1	1	3	2	1	0	1	0	11
Major Salivary Glands, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	8
Tonsil	0	0	0	0	0	0	0	0	1	0	1	2	2	2	2	1	0	0	1	11
Oropharynx	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	7
Nasopharynx	0	0	0	0	0	0	2	0	0	1	0	1	0	1	0	0	1	0	1	7
Pyiform Sinus	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	3
Lip, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nasal Cavity & Middle Ear	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accessory Sinuses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Larynx	0	0	0	0	0	0	0	0	0	2	0	3	4	3	3	7	1	1	0	24
Digestive Organs																				
Esophagus	0	0	1	1	0	2	5	12	12	28	35	39	72	93	124	98	81	54	19	676
Stomach	0	0	0	0	0	0	0	0	1	0	2	0	2	5	5	3	0	2	1	21
Small Intestine	0	0	0	0	0	0	0	4	0	9	6	5	8	9	12	13	8	6	2	82
Colon	0	0	0	0	0	1	1	2	1	0	1	1	1	3	1	1	0	0	0	12
Rectosigmoid Junction	0	0	0	0	0	0	1	1	4	10	14	17	28	30	44	44	38	28	6	266
Rectum	0	0	0	0	0	0	2	2	3	1	2	5	6	6	8	7	4	3	2	46
Anus & Anal Canal	0	0	0	0	0	0	0	0	0	4	3	4	14	14	21	13	12	2	0	94
Liver & Intrahepatic Bile Ducts	0	0	1	0	0	0	1	1	1	0	0	1	1	2	2	0	1	0	0	8
Gallbladder	0	0	0	0	0	1	1	1	1	1	2	3	3	4	3	4	4	1	1	29
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	2	2	1	2	14
Pancreas	0	0	0	0	0	0	0	0	0	2	0	0	1	0	2	2	0	1	0	8
Digestive Organs, other & ill-defined	0	0	0	0	0	0	0	1	1	1	5	4	7	17	22	8	12	10	4	92
Respiratory System & Intrathoracic Organs																				
Trachea	0	0	0	0	0	1	2	2	6	14	26	38	77	85	92	71	45	12	4	475
Bronchus/Lung	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
Thymus	0	0	0	0	0	1	0	2	6	14	25	35	74	81	92	69	45	12	4	461
Heart, Mediastinum & Pleura	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
Respiratory & Intrathoracic, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	2	3	3	0	2	0	0	0	10
Bones & Connective Tissue																				
Bones, Joints & Articular Cartilage of Limbs	1	1	2	5	0	2	1	3	2	2	0	1	5	1	3	0	0	0	1	30
Bones, Joints & Articular Cartilage of Other Sites	0	0	1	3	0	2	1	0	1	0	0	0	0	0	1	0	0	0	0	9
Connective, Subcutaneous & Other Soft Tissues	1	0	0	1	0	1	0	2	0	2	0	1	0	0	0	0	0	0	0	6
Melanoma																				
Skin	0	0	0	2	3	2	18	6	10	8	18	11	12	10	12	11	5	3	0	131
Eye	0	0	0	2	3	2	18	6	10	8	16	11	11	8	10	10	4	3	0	122
Other	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	4
Nonmelanoma of the Skin																				
Peripheral Nerves & Autonomic Nervous System	0	1	2	5	2	12	35	69	79	93	85	92	128	181	186	149	123	49	27	1318

Southern Alberta and Mountain Parks includes census divisions 1,2,3,4,5,6,15.

Table 6.1 New Invasive Cancers by Site and 5-year Age Group, Females & Males, Southern Alberta & the Mountain Parks, Diagnosed in 1993
(continued)

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Retropitoneum & Peritoneum	0	0	0	1	0	0	1	0	0	0	0	1	1	3	2	0	2	0	0	11
Breast	0	0	0	0	0	1	10	28	51	49	61	59	63	71	64	55	33	19	10	574
Female Genital Organs	0	1	0	0	1	12	13	16	15	23	31	19	35	32	35	17	9	11	3	273
Vulva	0	0	0	0	0	0	0	0	0	1	0	0	2	2	1	2	0	0	0	8
Vagina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cervix Uteri	0	0	0	0	0	8	7	9	3	6	8	3	1	3	5	0	0	1	0	54
Endometrium	0	0	0	0	0	0	2	3	3	6	17	13	18	13	17	11	5	6	1	115
Other Uterus & Uterus, NOS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
Ovary	0	1	0	0	1	4	4	4	9	9	6	3	14	14	12	4	2	3	1	91
Female Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	3
Placenta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Male Genital Organs	0	0	0	1	3	3	10	9	5	8	7	41	99	142	168	102	49	15	6	668
Penis	0	0	0	0	0	0	1	1	0	0	0	0	0	2	0	1	0	0	0	5
Prostate Gland	0	0	0	0	0	0	0	1	1	5	7	41	98	140	168	100	49	15	6	631
Testis	0	0	0	1	3	3	9	7	4	3	0	0	1	0	0	0	0	0	0	31
Male Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Urinary Tract	0	0	1	0	0	2	0	8	7	12	15	27	32	47	45	36	19	12	4	267
Kidney	0	0	1	0	0	1	0	4	4	11	8	14	6	19	9	7	4	2	0	90
Renal Pelvis	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3
Ureter	0	0	0	0	0	0	0	1	0	0	1	0	2	0	2	1	1	0	0	8
Bladder	0	0	0	0	0	1	0	3	3	1	6	13	23	27	32	27	14	9	4	163
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	3
Eye, Brain & Other Parts of the Central Nervous System	8	1	1	1	3	7	4	5	5	2	8	9	5	2	8	7	1	0	1	78
Eye & Adnexa	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	4
Meninges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brain	5	1	1	1	2	7	4	5	5	2	8	9	5	2	7	5	1	0	1	71
Spinal Cord, Cranial Nerves and other CNS	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3
Endocrine Glands	0	0	1	0	3	1	9	6	9	4	2	5	3	1	0	0	1	2	0	47
Thyroid Gland	0	0	0	0	2	1	9	5	9	4	1	5	2	1	0	0	1	2	0	42
Adrenal Gland	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	3
Other Endocrine Glands & Related Structures	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Hematopoietic & Reticuloendothelial Systems	5	3	3	5	8	7	10	11	19	16	13	31	23	31	41	23	14	10	6	279
Nonhodgkin's Lymphoma	0	0	0	1	1	2	4	4	12	8	7	16	11	13	14	5	6	4	1	109
Hodgkin's Disease	0	1	1	0	6	3	3	3	0	1	0	0	1	1	0	1	1	0	0	21
Leukemia	5	2	2	4	1	2	3	3	7	4	5	10	7	8	22	12	3	5	3	108
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	0	0	1	0	3	1	5	4	7	4	5	3	1	2	36
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	1	0	0	5
Other Hematopoietic & Reticuloendothelial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other & Ill-Defined Sites	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	4
Unknown Primary	0	0	0	0	1	1	1	0	5	3	8	9	16	19	25	24	25	11	5	153
All Sites Excluding Nonmelanoma of the Skin	14	6	9	16	22	41	87	109	153	180	232	302	455	559	640	463	295	153	63	3799
All Sites	14	7	11	21	24	53	122	178	232	273	317	394	583	740	826	612	418	202	90	5117

Table 6.2 New Invasive Cancers by Site and 5-year Age Group, Females, Southern Alberta & the Mountain Parks, Diagnosed in 1993

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Head & Neck																				
Lip	0	0	0	0	0	0	0	2	3	3	3	3	4	6	5	7	3	0	2	41
Base of Tongue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
Tongue, other & unspecified	0	0	0	0	0	0	0	0	0	1	0	0	1	3	0	0	0	0	0	5
Gum	0	0	0	0	0	0	0	0	2	1	1	0	0	1	0	3	2	0	0	10
Floor of mouth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palate	0	0	0	0	0	0	0	1	0	1	0	0	0	2	1	0	0	0	0	5
Mouth, other & unspecified	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	1
Parotid Gland	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	3
Major Salivary Glands, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Tonsil	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	1
Oropharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nasopharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pyrimiform Sinus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Lip, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nasal Cavity & Middle Ear	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accessory Sinuses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Larynx	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	5
Digestive Organs																				
Esophagus	0	0	0	0	0	0	0	1	9	7	11	14	14	33	41	59	40	24	14	314
Stomach	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	1	5
Small Intestine	0	0	0	0	0	0	0	3	0	2	4	0	2	6	4	5	3	1	1	31
Colon	0	0	0	0	0	1	0	0	2	1	0	1	0	1	1	0	0	0	0	6
Rectosigmoid Junction	0	0	0	0	0	0	1	0	3	5	6	9	17	16	22	22	21	10	4	136
Rectum	0	0	0	0	0	0	1	1	0	1	0	1	0	2	3	1	2	1	1	13
Anus & Anal Canal	0	0	0	0	0	0	0	1	3	0	1	2	7	4	9	4	8	1	0	41
Liver & Intrahepatic Bile Ducts	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	4
Gallbladder	0	0	0	0	0	0	0	1	0	0	1	1	2	1	1	0	2	0	1	10
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	2	1	2	10
Pancreas	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	1	0	5
Digestive Organs, other & ill-defined	0	0	0	0	0	0	0	1	0	1	2	0	4	6	13	6	7	8	4	52
Respiratory System & Intrathoracic Organs																				
Trachea	0	0	0	0	0	0	1	2	1	1	6	9	20	35	32	29	18	5	2	182
Bronchus/Lung	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thymus	0	0	0	0	0	0	2	1	1	6	9	20	21	32	32	27	18	5	2	176
Heart, Mediastinum & Pleura	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2
Respiratory & Intrathoracic, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	4
Bones & Connective Tissue																				
Bones, Joints & Articular Cartilage of Limbs	1	1	0	2	0	1	10	2	8	5	4	6	2	6	4	6	0	1	0	58
Bones, Joints & Articular Cartilage of Other Sites	0	0	0	1	2	1	10	2	8	5	3	6	1	6	4	6	0	1	0	56
Connective, Subcutaneous & Other Soft Tissues	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Melanoma																				
Skin	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nonmelanoma of the Skin																				
Peripheral Nerves & Autonomic Nervous System	0	0	2	1	1	7	18	30	39	43	40	44	43	72	87	66	64	24	14	595
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Southern Alberta and Mountain Parks includes census divisions 1,2,3,4,5,6,15.

Table 6.2 New Invasive Cancers by Site and 5-year Age Group, Females, Southern Alberta & the Mountain Parks, Diagnosed in 1973
(continued)

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Retropitoneum & Peritoneum	0	0	0	0	0	0	1	0	0	0	0	0	1	3	2	0	2	0	0	9
Breast	0	0	0	0	0	1	10	28	51	49	61	58	62	71	62	52	33	19	10	567
Female Genital Organs	0	1	0	0	1	12	13	16	15	23	31	19	35	32	35	17	9	11	3	273
Vulva	0	0	0	0	0	0	0	0	0	1	0	0	2	2	1	2	0	0	0	8
Vagina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cervix Uteri	0	0	0	0	0	8	7	9	3	6	8	3	1	3	5	0	0	1	0	54
Endometrium	0	0	0	0	0	0	2	3	3	6	17	13	18	13	17	11	5	6	1	115
Other Uterus & Uterus, NOS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
Ovary	0	1	0	0	1	4	4	4	9	9	6	3	14	14	12	4	2	3	1	91
Female Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	3
Placenta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urinary Tract	0	0	0	0	0	2	0	2	2	4	4	7	11	12	9	9	10	5	0	77
Kidney	0	0	0	0	0	1	0	1	2	4	2	5	3	7	3	4	2	1	0	35
Renal Pelvis	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
Ureter	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	3
Bladder	0	0	0	0	0	1	0	1	0	0	2	2	6	5	5	4	7	3	0	36
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Eye, Brain & Other Parts of the Central Nervous System	5	1	0	0	0	3	0	3	2	2	1	2	1	2	2	3	0	0	1	28
Eye & Adnexa	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3
Meninges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brain	3	1	0	0	0	3	0	3	2	2	1	2	1	2	2	2	0	0	1	25
Spinal Cord, Cranial Nerves and other CNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Endocrine Glands	0	0	0	0	1	0	6	6	8	3	1	5	3	0	0	0	0	2	0	35
Thyroid Gland	0	0	0	0	1	0	6	5	8	3	1	5	2	0	0	0	0	2	0	33
Adrenal Gland	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	2
Other Endocrine Glands & Related Structures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hematopoietic & Reticuloendothelial Systems	1	1	1	2	1	3	3	4	6	8	6	12	7	10	18	12	7	5	2	109
Nonhodgkin's Lymphoma	0	0	0	0	0	1	0	2	3	4	3	7	2	4	7	5	6	2	0	46
Hodgkin's Disease	0	0	0	0	0	2	2	1	0	1	0	0	0	0	0	1	0	0	0	7
Leukemia	1	1	1	2	1	0	1	0	3	1	2	3	2	1	9	3	0	2	2	35
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	0	0	1	0	2	1	2	3	5	1	3	1	1	0	20
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Other Hematopoietic & Reticuloendothelial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other & Ill-Defined Sites	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unknown Primary	0	0	0	0	0	1	0	0	3	2	3	3	9	10	12	12	11	9	5	80
All Sites Excluding Nonmelanoma of the Skin	7	4	1	5	5	25	46	75	107	118	137	149	192	228	240	187	139	82	41	1788
All Sites	7	4	3	6	6	32	64	105	146	161	177	193	235	300	327	253	203	106	55	2383

Table 6.3 New Invasive Cancers by Site and 5-year Age Group, Males, Southern Alberta & the Mountain Parks, Diagnosed in 1993

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Head & Neck	0	0	0	0	0	0	0	1	4	8	5	9	8	16	16	11	8	3	0	92
Lip	0	0	0	0	0	0	0	0	1	1	1	1	1	6	4	4	1	0	0	20
Base of Tongue	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	0	2	1	0	6
Tongue, other & unspecified	0	0	0	0	0	0	1	0	1	1	1	0	0	1	1	0	2	1	0	9
Gum	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Floor of mouth	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	1	0	0	6
Palate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Mouth, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	5
Parotid Gland	0	0	0	0	0	0	0	1	1	1	0	0	1	0	2	1	0	1	0	8
Major Salivary Glands, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Tonsil	0	0	0	0	0	0	0	0	1	0	1	1	1	0	1	0	0	0	0	5
Oropharynx	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Nasopharynx	0	0	0	0	0	0	2	0	0	1	0	1	0	1	0	0	1	0	0	6
Pyiform Sinus	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
Lip, Oral Cavity & Pharynx, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nasal Cavity & Middle Ear	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accessory Sinuses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larynx	0	0	0	0	0	0	0	0	0	2	0	3	3	3	1	5	1	1	0	19
Digestive Organs	0	0	1	1	0	1	4	3	5	17	21	25	39	52	65	58	35	30	5	362
Esophagus	0	0	0	0	0	0	0	0	1	0	2	0	2	3	4	3	0	1	0	16
Stomach	0	0	0	0	0	0	1	0	0	7	2	5	6	3	8	8	5	5	1	51
Small Intestine	0	0	0	0	0	0	1	0	0	0	1	0	1	2	0	1	0	0	0	6
Colon	0	0	0	1	0	0	1	0	1	5	8	8	11	14	22	22	17	18	2	130
Rectosigmoid Junction	0	0	0	0	0	0	0	0	1	0	2	4	6	4	5	6	2	2	1	33
Rectum	0	0	0	0	0	0	1	1	0	4	2	2	7	10	12	9	4	1	0	53
Anus & Anal Canal	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	0	0	0	0	4
Liver & Intrahepatic Bile Ducts	0	0	1	0	0	1	1	0	1	1	0	1	3	2	4	2	1	0	0	19
Gallbladder	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	4
Biliary Tract, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	3
Pancreas	0	0	0	0	0	0	0	0	1	0	3	4	3	11	9	2	5	2	0	40
Digestive Organs, other & ill-defined	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	3
Respiratory System & Intrathoracic Organs	0	0	0	0	0	0	0	1	5	8	17	18	56	50	60	42	27	7	2	293
Trachea	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
Bronchus/Lung	0	0	0	0	0	0	0	0	1	5	16	15	53	49	60	42	27	7	2	285
Thymus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heart, Mediastinum & Pleura	0	0	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	0	0	6
Respiratory & Intrathoracic, other & ill-defined	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bones & Connective Tissue	0	0	2	3	0	2	1	1	1	0	0	1	2	1	3	0	0	0	0	17
Bones, Joints & Articular Cartilage of Limbs	0	0	1	2	0	2	1	0	1	0	0	0	0	0	1	0	0	0	0	8
Bones, Joints & Articular Cartilage of Other Sites	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Connective, Subcutaneous & Other Soft Tissues	0	0	1	1	0	0	0	0	0	0	0	1	2	1	2	0	0	0	0	8
Melanoma	0	0	0	1	1	1	8	4	2	3	14	5	10	4	8	5	5	2	0	73
Skin	0	0	0	1	1	1	8	4	2	3	13	5	10	2	6	4	4	2	0	66
Eye	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1	0	0	4
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3
Nonmelanoma of the Skin	0	1	0	4	1	5	17	39	40	50	45	48	85	109	99	83	59	25	13	723
Peripheral Nerves & Autonomic Nervous System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Southern Alberta and Mountain Parks includes census divisions 1,2,3,4,5,6,15.

Table 6.3 New Invasive Cancers by Site and 5-year Age Group, Males, Southern Alberta & the Mountain Parks, Diagnosed in 1993
(continued)

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
Retropertitoneum & Peritoneum	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
Breast	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	3	0	0	0	7
Male Genital Organs	0	0	0	1	3	3	10	9	5	8	7	41	99	142	168	102	49	15	6	668
Penis	0	0	0	0	0	0	1	1	0	0	0	0	0	2	0	1	0	0	0	5
Prostate Gland	0	0	0	0	0	0	0	1	1	5	7	41	98	140	168	100	49	15	6	631
Testis	0	0	0	1	3	3	9	7	4	3	0	0	1	0	0	0	0	0	0	31
Male Genital Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Urinary Tract	0	0	1	0	0	0	0	6	5	8	11	20	21	35	36	27	9	7	4	190
Kidney	0	0	1	0	0	0	0	3	2	7	6	9	3	12	6	3	2	1	0	55
Renal Pelvis	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1
Ureter	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	1	0	0	0	5
Bladder	0	0	0	0	0	0	0	2	3	1	4	11	17	22	27	23	7	6	4	127
Urinary Organs, other & unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
Eye, Brain & Other Parts of the Central Nervous System	3	0	1	1	3	4	4	2	3	0	7	7	4	0	6	4	1	0	0	50
Eye & Adnexa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Meninges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brain	2	0	1	1	2	4	4	2	3	0	7	7	4	0	5	3	1	0	0	46
Spinal Cord, Cranial Nerves and other CNS	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3
Endocrine Glands	0	0	1	0	2	1	3	0	1	1	1	0	0	1	0	0	1	0	0	12
Thyroid Gland	0	0	0	0	1	1	3	0	1	1	0	0	0	1	0	0	1	0	0	9
Adrenal Gland	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Other Endocrine Glands & Related Structures	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Hematopoietic & Reticuloendothelial Systems	4	2	2	3	7	4	7	7	13	8	7	19	16	21	23	11	7	5	4	170
Nonhodgkin's Lymphoma	0	0	0	1	1	1	4	2	9	4	4	9	9	9	7	0	0	2	1	63
Hodgkin's Disease	0	1	1	0	6	1	1	2	0	0	0	0	1	0	0	0	1	0	0	14
Leukemia	4	1	1	2	0	2	3	4	3	3	3	7	5	7	13	9	3	3	1	73
Multiple Myeloma & Plasmacytoma	0	0	0	0	0	0	0	0	0	1	0	3	1	2	3	2	2	0	2	16
Immunoproliferative Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	4
Other Hematopoietic & Reticuloendothelial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other & Ill-Defined Sites	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
Unknown Primary	0	0	0	0	1	0	1	0	2	1	5	6	7	9	13	12	14	2	0	73
All Sites Excluding Nonmelanoma of the Skin	7	2	8	11	17	16	41	34	46	62	95	153	263	331	400	276	156	71	22	2011
All Sites	7	3	8	15	18	21	58	73	86	112	140	201	348	440	499	359	215	96	35	2734

Table 7.1 New In Situ Cancers for Selected Sites by 5-year Age Group, Females, Alberta, Diagnosed in 1993

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
All Sites	0	0	0	49	265	424	359	231	148	93	66	50	62	77	54	43	34	17	10	1982
Melanoma of the Skin	0	0	0	0	1	4	5	7	7	6	1	5	4	5	5	3	4	4	1	62
Nonmelanoma of the Skin	0	0	0	1	0	1	2	10	4	8	8	13	24	25	25	27	20	13	9	190
Breast	0	0	0	0	0	0	1	2	11	18	19	9	14	22	11	7	6	0	0	120
Cervix Uteri	0	0	0	48	262	412	345	201	113	55	30	16	18	11	5	1	0	0	0	1517
All Other Sites	0	0	0	0	2	7	6	11	13	6	8	7	2	14	8	5	4	0	0	93

Table 7.2 New In Situ Cancers for Selected Sites by 5-year Age Group, Males, Alberta, Diagnosed in 1993

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
All Sites	0	0	0	1	0	0	6	8	12	14	23	25	41	50	41	41	32	13	10	317
Melanoma of the Skin	0	0	0	1	0	0	4	2	3	2	5	2	7	8	1	1	1	0	1	38
Nonmelanoma of the Skin	0	0	0	0	0	0	2	4	3	10	10	14	23	28	26	25	19	11	8	183
Prostate Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
All Other Sites	0	0	0	0	0	0	0	2	6	2	8	9	11	11	14	15	12	2	1	93

Table 8.1 Top Fifteen New Invasive Cancer Sites by 5-year Age Group, Females & Males, Alberta: Diagnosed in 1993

Table 9.1 New Invasive Cancers by Site Grouping, Females & Males, Alberta, 1990-1997

Site Grouping	Number of Cases				Projected Number of Cases			
	1990	1991	1992	1993	1994	1995	1996	1997
Head & Neck	305	302	313	295	325	340	345	360
Digestive Organs	1509	1588	1681	1596	1745	1810	1865	1930
Respiratory System & & Intrathoracic Organs	1024	1132	1120	1195	1230	1280	1320	1365
Bones & Connective Tissue	58	41	65	70	60	60	65	65
Melanoma	245	233	259	280	275	280	285	290
Retroperitoneum & Peritoneum	22	18	13	19	15	15	15	15
Breast	1166	1196	1306	1243	1335	1375	1415	1455
Female Genital Organs	557	525	616	606	620	640	655	675
Male Genital Organs	940	1098	1242	1451	1355	1400	1450	1500
Urinary Tract	583	594	583	571	625	645	670	695
Eye, Brain & Other Parts of the Central Nervous System	131	170	178	151	175	180	185	190
Endocrine Glands	112	123	131	114	125	125	135	135
Hematopoietic & Reticuloendothelial Systems	643	727	691	741	765	790	810	835
Other & Ill-Defined Sites	9	7	9	8	10	10	10	10
Unknown Primary	266	284	293	303	310	325	335	350
Total	7570	8038	8500	8643	8970	9275	9560	9870

The projected number of cases was produced by calculating a "smoothed" rate for 1992. (Average number of cases in the period 1991 to 1993 divided by the 1992 population.) Rates were calculated separately for males and females in each of the two age groups "under 45" and "45 and over" and for each of the sixteen site groupings. These rates were then applied to the projected population figures for Alberta and the result rounded to the nearest multiple of 5. Statistics Canada provides four population projection scenarios⁶ for the province of Alberta. Scenario 2 has been used in these projections as it represents the "middle ground" of the four projections.

Notes:

The projection method used accounts only for projected changes in Alberta's population. It does not incorporate any projected increase or decrease in cancer incidence rates.

These site groupings are the same as those in Tables 1.1, 1.2 and 1.3 with the exception that "Peripheral Nerves & Autonomic Nervous System" has been combined with "Other & Ill-Defined Sites".

Table 9.2 New Invasive Cancers by Site Grouping, Females, Alberta, 1990 - 1997

Site Grouping	Number of Cases				Projected Number of Cases			
	1990	1991	1992	1993	1994	1995	1996	1997
Head & Neck	70	75	74	91	85	90	90	95
Digestive Organs	688	691	723	726	770	800	825	855
Respiratory System & Intrathoracic Organs	327	381	413	456	445	465	480	495
Bones & Connective Tissue	26	18	32	28	30	30	30	30
Melanoma	130	125	124	137	140	140	145	145
Retroperitoneum & Peritoneum	16	12	7	14	10	10	10	10
Breast	1158	1186	1300	1231	1325	1365	1405	1450
Female Genital Organs	557	525	616	606	620	640	660	675
Urinary Tract	170	180	170	163	185	190	200	205
Eye, Brain & Other Parts of the Central Nervous System	48	76	74	61	75	75	80	80
Endocrine Glands	82	85	98	85	90	90	100	100
Hematopoietic & Reticuloendothelial Systems	282	309	299	303	325	335	345	355
Other & Ill-Defined Sites	4	3	4	5	5	5	5	5
Unknown Primary	135	143	167	142	160	170	175	180
Total	3693	3809	4101	4048	4265	4405	4550	4680

Table 9.3 New Invasive Cancers by Site Grouping, Males, Alberta, 1990 - 1997

Site Grouping	Number of Cases				Projected Number of Cases			
	1990	1991	1992	1993	1994	1995	1996	1997
Head & Neck	235	227	239	204	240	250	255	265
Digestive Organs	821	897	958	870	975	1010	1045	1080
Respiratory System & Intrathoracic Organs	697	751	707	739	785	815	845	875
Bones & Connective Tissue	32	23	33	42	30	30	35	35
Melanoma	115	108	135	143	135	140	140	150
Retroperitoneum & Peritoneum	6	6	6	5	5	5	5	5
Breast	8	10	6	12	10	10	10	10
Male Genital Organs	940	1098	1242	1451	1355	1405	1450	1500
Urinary Tract	413	414	413	408	440	455	475	490
Eye, Brain & Other Parts of the Central Nervous System	83	94	104	90	100	105	105	110
Endocrine Glands	30	38	33	29	35	35	35	35
Hematopoietic & Reticuloendothelial Systems	361	418	392	438	440	455	465	485
Other & Ill-Defined Sites	5	4	5	3	5	5	5	5
Unknown Primary	131	141	126	161	150	155	165	170
Total	3877	4229	4399	4595	4705	4875	5035	5215

Table 10.1 Deaths due to Cancer by Site Grouping, Females & Males, Alberta, 1990 - 1997

Site Grouping	Number of Deaths				Projected Number of Deaths			
	1990	1991	1992	1993	1994	1995	1996	1997
Head & Neck	93	93	93	116	110	115	115	125
Digestive Organs & Peritoneum	939	972	1046	1055	1100	1135	1175	1220
Respiratory System & Intrathoracic Organs	856	896	932	974	1005	1040	1075	1115
Bone & Connective Tissue	30	35	21	30	30	30	30	35
Melanoma of the Skin	26	32	32	46	40	40	40	40
Nonmelanoma of the Skin	10	5	10	12	10	10	10	10
Breast	328	358	369	380	400	410	425	435
Female Genital Organs	174	194	182	189	200	205	215	220
Male Genital Organs	261	283	292	299	310	320	335	345
Urinary Tract	182	172	194	196	200	210	215	225
Eye, Brain & Other Parts of the Central Nervous System	115	121	128	130	135	140	145	145
Endocrine Glands	10	17	16	22	15	15	15	20
Lymphatic & Hematopoietic Tissue	348	353	364	353	385	395	405	420
Other & Ill-Defined Sites	8	2	8	6	5	5	5	5
Unknown Primary	237	233	239	263	260	270	280	290
All Sites	3617	3766	3926	4071	4205	4340	4485	4650

The projected number of deaths was produced by calculating a "smoothed" rate for 1992. (Average number of deaths in the period 1991 to 1993 divided by the 1992 population.) Rates were calculated separately for males and females in each of the two age groups "under 45" and "45 and over" and for each of the fifteen site groupings. These rates were then applied to the projected population figures for Alberta and the result rounded to the nearest multiple of 5. Statistics Canada provides four population projection scenarios⁶ for the province of Alberta. Scenario 2 has been used in these projections as it represents the "middle ground" of the four projections.

Notes:

The projection method used accounts only for projected changes in Alberta's population. It does not incorporate any projected increase or decrease in cancer mortality rates.

These site groupings are the same as those in Tables 3.1, 3.2 and 3.3.

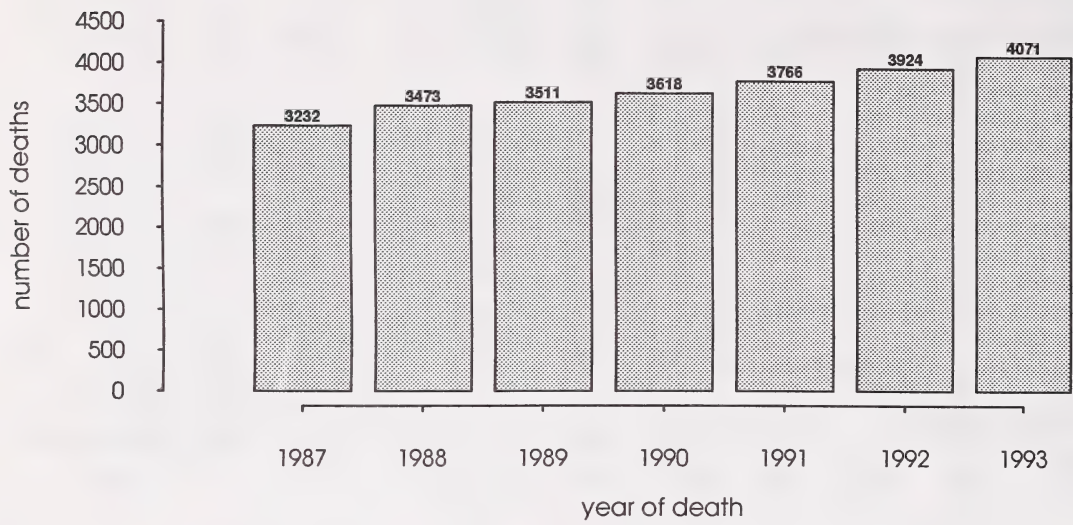
Table 10.2 Deaths due to Cancer by Site Grouping, Females, Alberta, 1990 - 1997

Site Grouping	Number of Deaths				Projected Number of Deaths			
	1990	1991	1992	1993	1994	1995	1996	1997
Head & Neck	20	24	31	36	35	35	35	40
Digestive Organs & Peritoneum	397	420	451	489	485	500	520	540
Respiratory System & Intrathoracic Organs	268	264	327	368	345	360	370	385
Bone & Connective Tissue	12	16	9	15	15	15	15	15
Melanoma of the Skin	7	8	11	23	15	15	15	15
Nonmelanoma of the Skin	4	2	3	6	5	5	5	5
Breast	323	354	367	377	395	405	420	430
Female Genital Organs	174	194	182	189	200	205	215	220
Urinary Tract	61	51	62	65	65	70	70	75
Eye, Brain & Other Parts of the Central Nervous System	49	56	62	48	60	60	65	65
Endocrine Glands	6	11	11	12	10	10	10	10
Lymphatic & Hematopoietic Tissue	152	132	152	156	160	165	170	175
Other & Ill-Defined Sites	1	2	5	3	5	5	5	5
Unknown Primary	111	111	138	130	135	140	145	150
All Sites	1585	1645	1811	1917	1930	1990	2060	2130

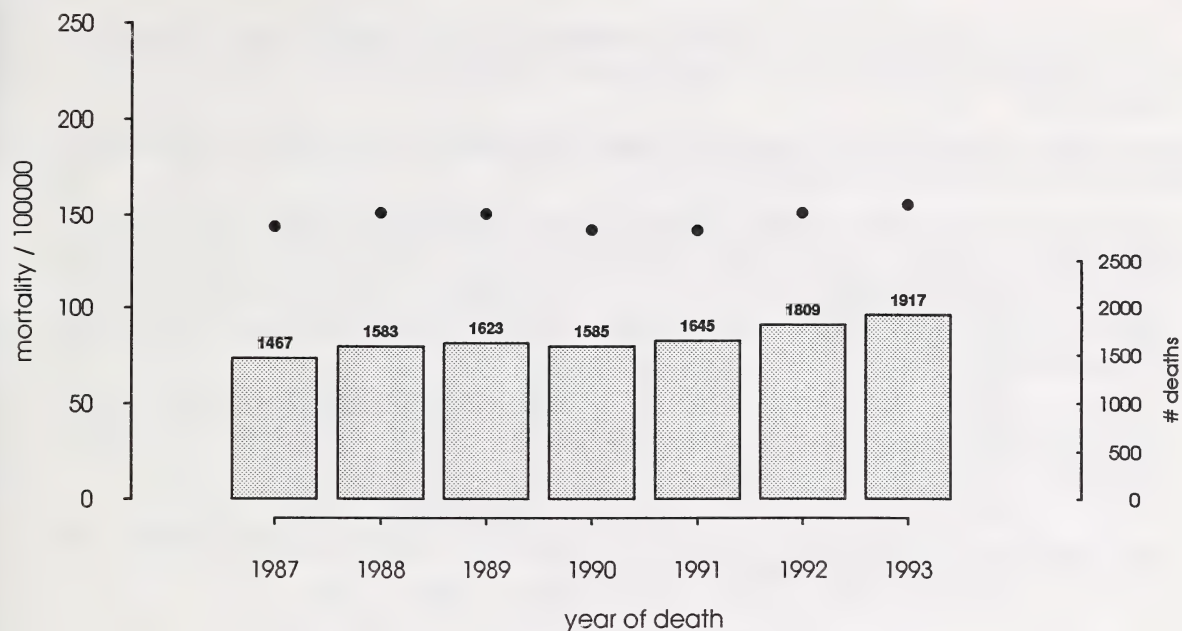
Table 10.3 Deaths due to Cancer by Site Grouping, Males, Alberta, 1990 - 1997

Site Grouping	Number of Deaths				Projected Number of Deaths			
	1990	1991	1992	1993	1994	1995	1996	1997
Head & Neck	73	69	62	80	75	80	80	85
Digestive Organs & Peritoneum	542	552	595	566	615	635	655	680
Respiratory System & Intrathoracic Organs	588	632	605	606	660	680	705	730
Bone & Connective Tissue	18	19	12	15	15	15	15	20
Melanoma of the Skin	19	24	21	23	25	25	25	25
Nonmelanoma of the Skin	6	3	7	6	5	5	5	5
Breast	5	4	2	3	5	5	5	5
Male Genital Organs	261	283	292	299	310	320	335	345
Urinary Tract	121	121	132	131	135	140	145	150
Eye, Brain & Other Parts of the Central Nervous System	66	65	66	82	75	80	80	80
Endocrine Glands	4	6	5	10	5	5	5	10
Lymphatic & Hematopoietic Tissue	196	221	212	197	225	230	235	245
Other & Ill-Defined Sites	7	0	3	3	0	0	0	0
Unknown Primary	126	122	101	133	125	130	135	140
All Sites	2032	2121	2115	2154	2275	2350	2425	2520

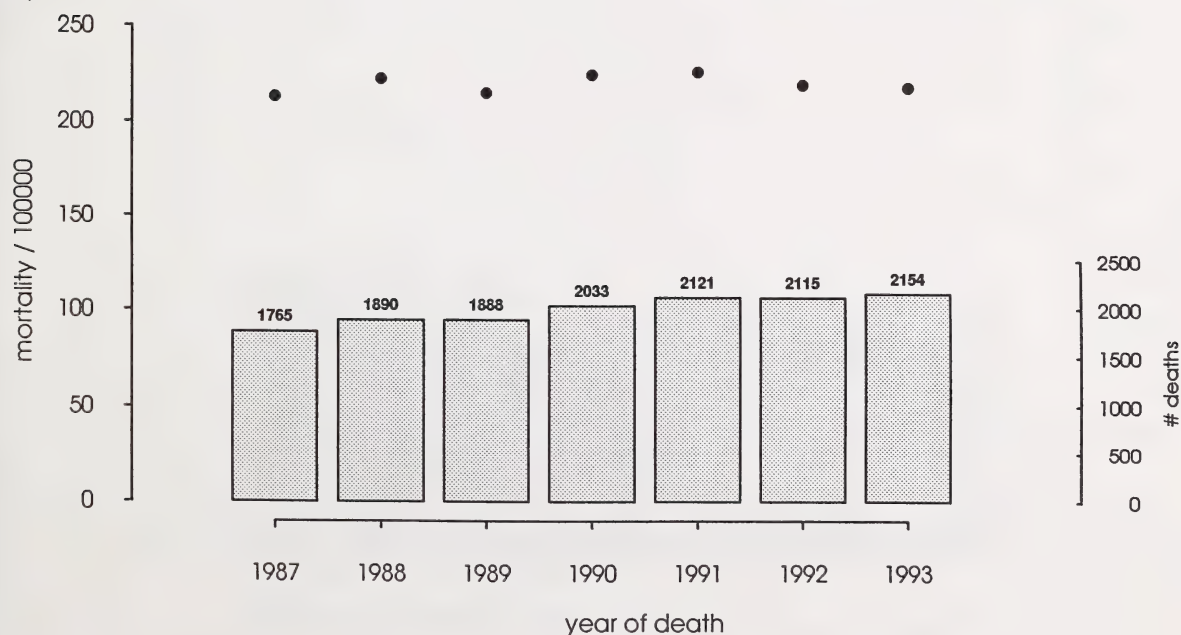
Figure 3.1 Number of Deaths due to Cancer, Females & Males, Alberta, 1987-1993



In 1987, 3232 residents of Alberta died from cancer. By 1993, this number had risen to 4071. The reasons for this increase are complex, however, the majority of the increase (~85%) can be attributed to changes in the structure and size of Alberta's population.

Figure 3.2 Age Standardized Mortality Rates and Number of Deaths due to Cancer, Females, Alberta, 1987-1993

Standardized to 1991 Canada Revised Postcensal Total Population Estimate

Figure 3.3 Age Standardized Mortality Rates and Number of Deaths due to Cancer, Males, Alberta, 1987-1993

Standardized to 1991 Canada Revised Postcensal Total Population Estimate

TRENDS FOR SELECTED SITES - FEMALES

Time trends of mortality rates for the period 1987 to 1993 for the top three causes of death from cancer for women are shown in Figures 4.1 to 4.3. These three sites represent 50.0% of all deaths from cancer in women in 1993.

Mortality rates for breast cancer in women have declined very slightly in the early 1990s. A similar trend has been observed in the rest of Canada.⁴

Mortality rates for lung cancer in women increased rapidly between 1987 and 1993 at an average of approximately 7% per year. Since 1987 rates have increased by 50%. These rates are lower than those for men (see Figure 5.1), reflecting the lower peak smoking prevalence for women (39% in 1974 compared to 61% in men in 1965).⁵ In contrast to men, however, it is unlikely that these rates will decrease in the near future as the dramatic decline in smoking prevalence in men (61% to 32% between 1965 and 1992) has not occurred in women.

Mortality rates for colorectal cancer in women declined during the 1980s and have remained relatively stable in the past few years. A similar trend has been observed in rates the rest of Canada.⁴ The reasons for this decline are largely unexplained.

Note: Care should be taken when comparing the rates and/or number of deaths in Figures 4.1 through 4.3 as the scales of the graphs vary with cause.

Figure 4.1 Breast Cancer: Age Standardized Mortality Rates and Number of Deaths, Females, Alberta, 1987 - 1993

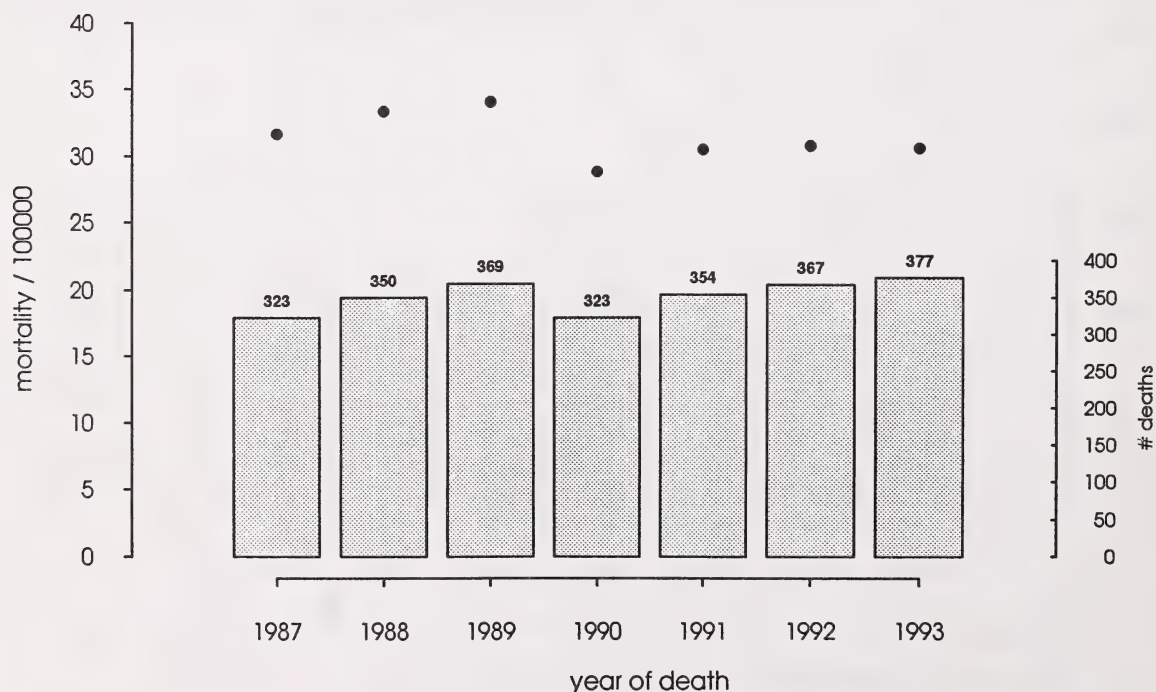
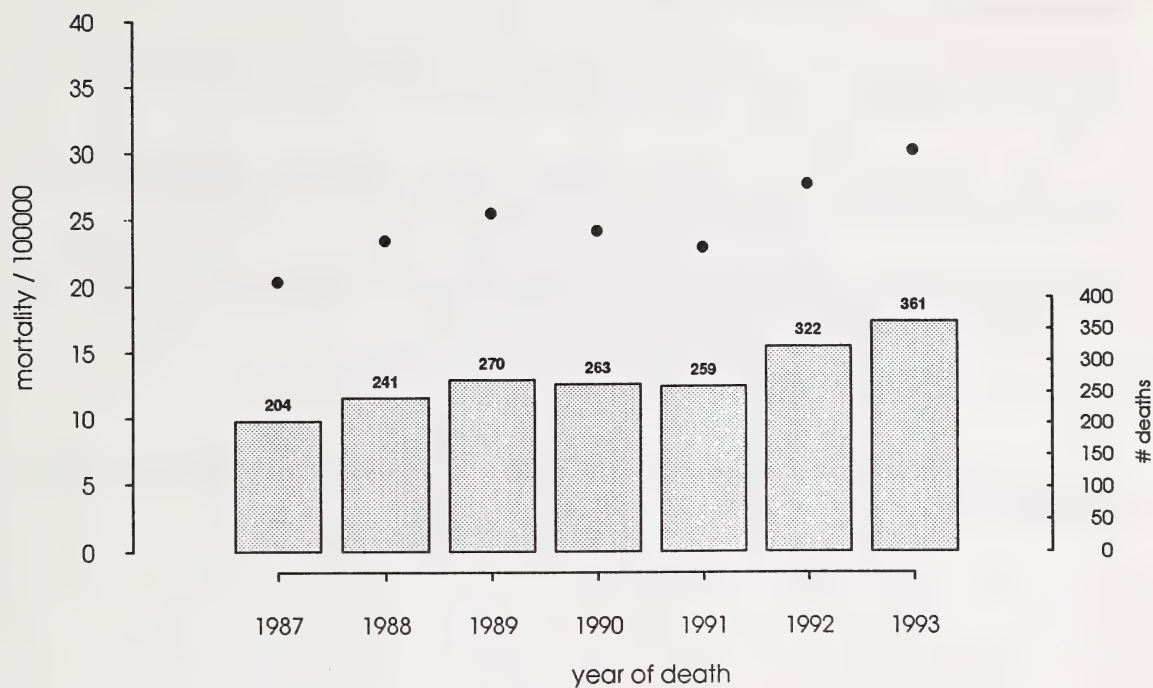
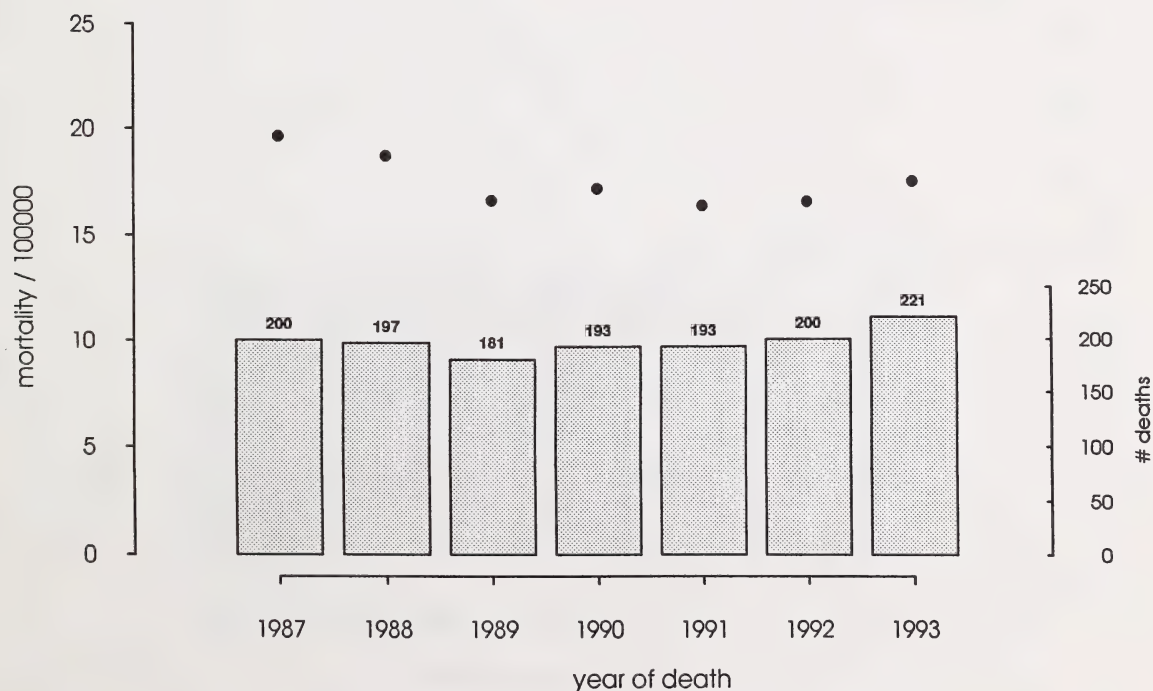


Figure 4.2 Trachea, Bronchus & Lung Cancer: Age Standardized Mortality Rates and Number of Deaths, Females, Alberta, 1987 - 1993



Standardized to 1991 Canada Revised Postcensal Total Population Estimate

Figure 4.3 Colorectal Cancer: Age Standardized Mortality Rates and Number of Deaths, Females, Alberta, 1987 - 1993



Standardized to 1991 Canada Revised Postcensal Total Population Estimate

TRENDS FOR SELECTED SITES - MALES

Time trends of mortality rates for the period 1987 to 1993 for the top three causes of death from cancer for men are shown in Figures 5.1 to 5.3. These three sites represent 52.6% of all deaths from cancer in men in 1993.

Since 1989 mortality rates for lung cancer have begun to decline slightly, likely reflecting the gradual decline in smoking rates in Canadian men which have dropped from 61% in 1965 to 32% in 1992.⁵

Mortality rates for prostate cancer have increased at an average of 2% per year since 1987. Similar to trends in Canada⁴ most of this increase is due to rising rates in the 80+ age group while mortality rates have remained fairly steady in the younger age groups (see Appendix).

Mortality rates for colorectal cancer have remained relatively stable during this period.

Note: Care should be taken when comparing the rates and/or number of deaths in Figures 5.1 through 5.3 as the scales of the graphs vary with cause.

Figure 5.1 Trachea, Bronchus & Lung Cancer: Age Standardized Mortality Rates and Number of Deaths, Males, Alberta, 1987 - 1993

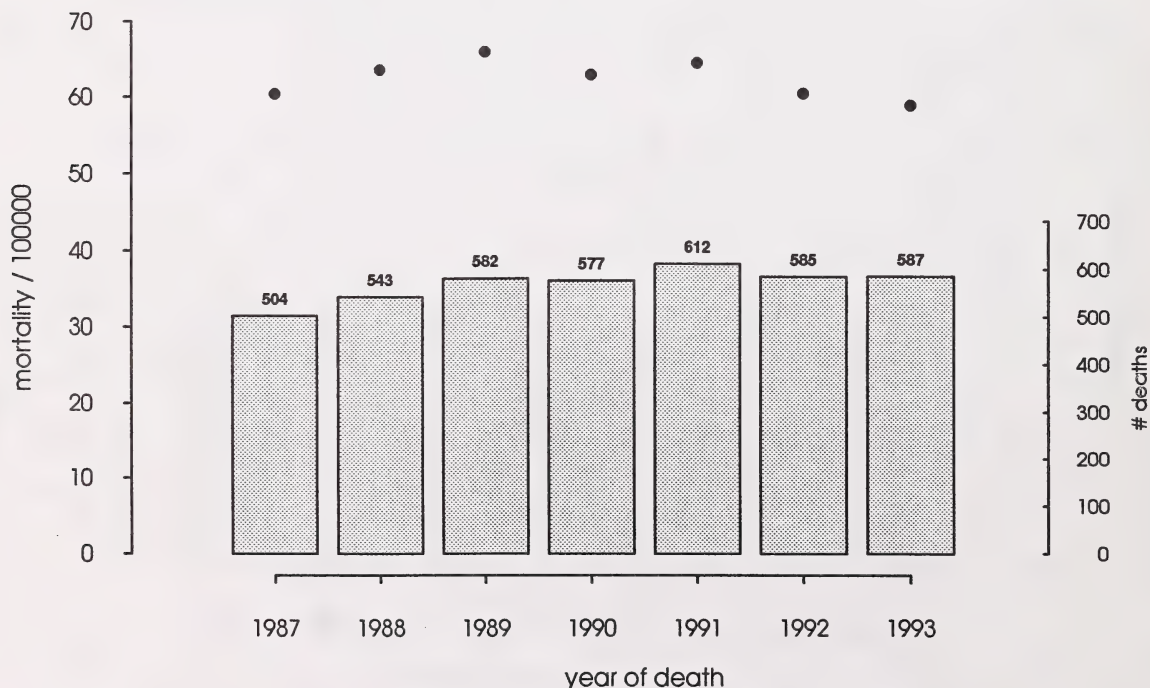
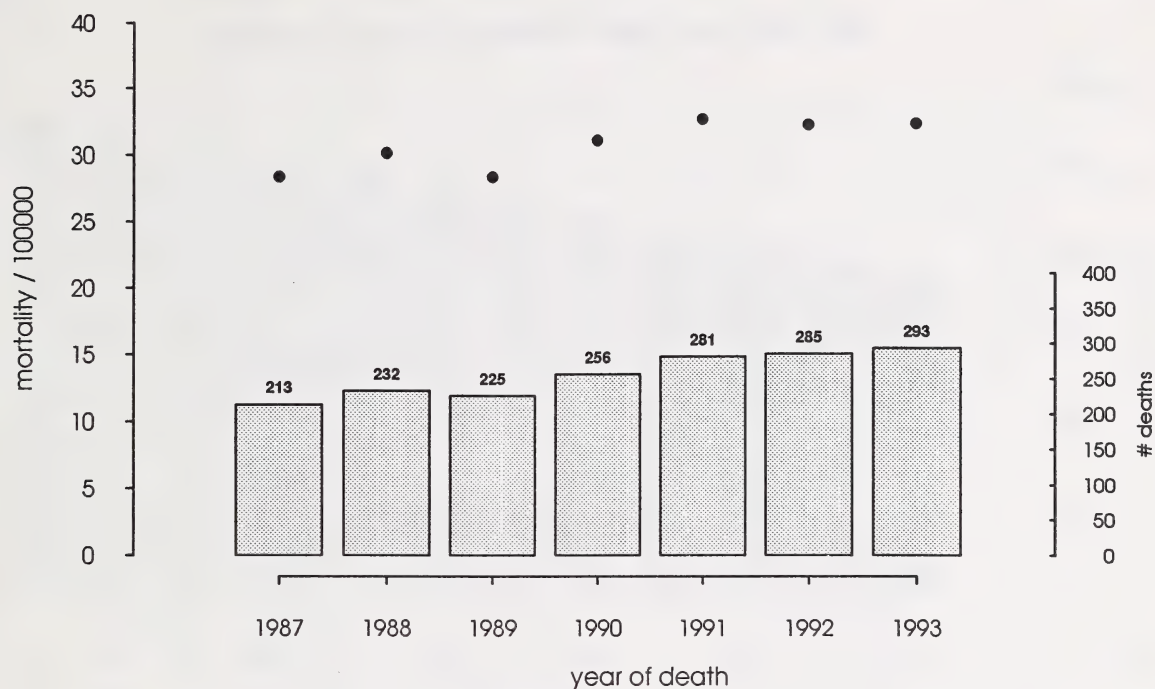
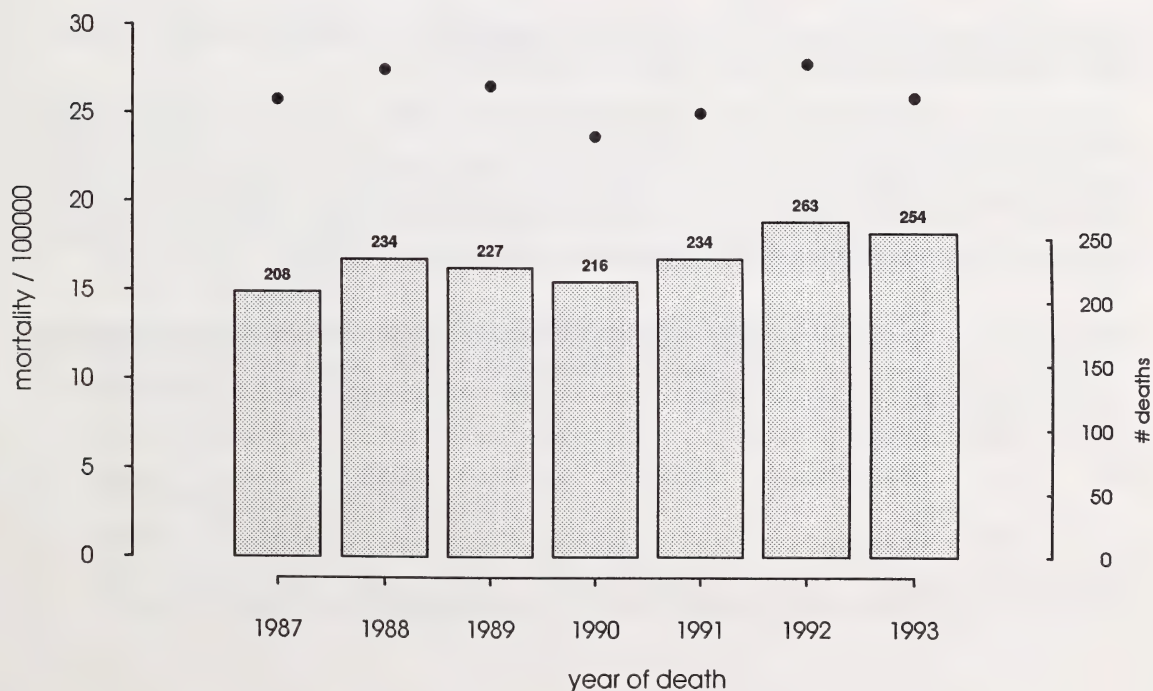


Figure 5.2 Prostate Cancer: Age Standardized Mortality Rates and Number of Deaths, Males, Alberta, 1987 - 1993



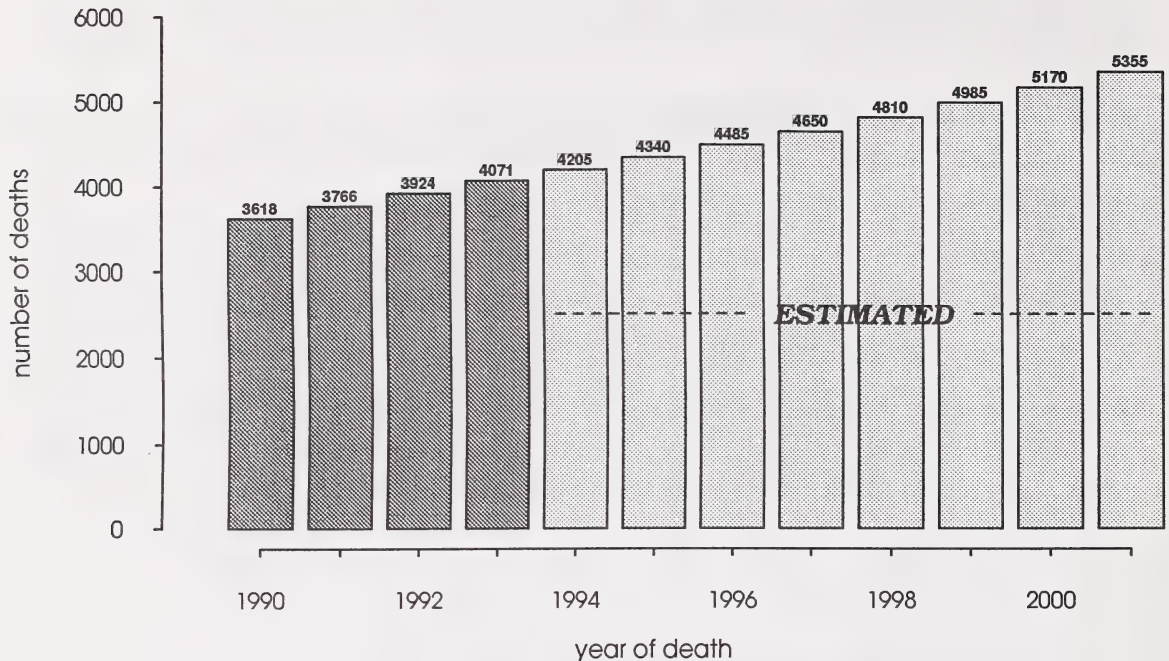
Standardized to 1991 Canada Revised Postcensal Total Population Estimate

Figure 5.3 Colorectal Cancer: Age Standardized Mortality Rates and Number of Deaths, Males, Alberta, 1987 - 1993



Standardized to 1991 Canada Revised Postcensal Total Population Estimate

Figure 6.1 Number of Deaths Due To Cancer, Females & Males, Alberta, 1990-2001

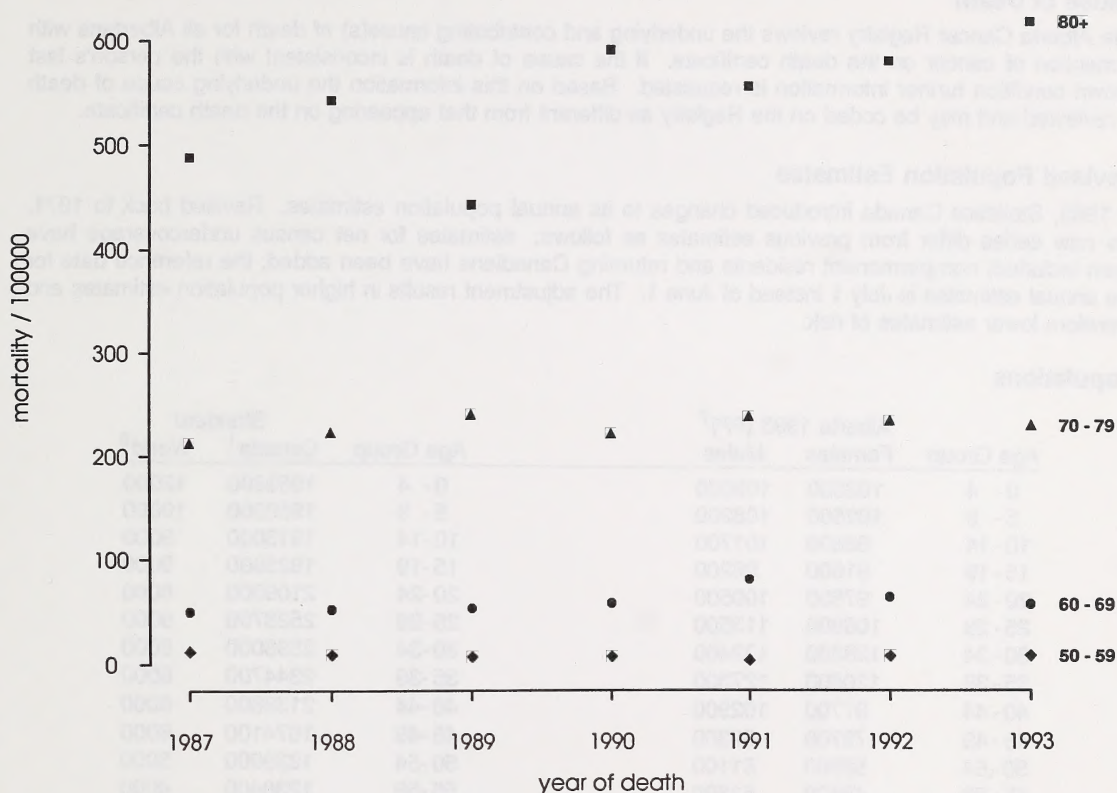


Alberta's population will continue to grow and age into the next century. The effect of changes in the population on the projected number of cancer deaths is reflected in Figure 6.1.

The estimated number of deaths was calculated by applying the current crude cancer mortality rates[†] to projected population figures for Alberta. Statistics Canada provides four population projection scenarios⁶ for the province of Alberta. Scenario 2 has been used in these projections as it represents the "middle ground" of the four projections. Under this scenario the population of Alberta is projected to increase to 2,977,300 in 2001 (a 11.8% increase from 1993). More importantly, the segment of the population where cancer mortality rates are highest (50 and over) is projected to grow from 563,200 in 1993 to 742,200 in 2001, an increase of 31.8%.

[†] Crude mortality rates were calculated separately for males and females in each of the two age groups "under 45" and "45 and over" using the average number of deaths in the period 1991-1993 and the revised population estimates for the same period. These rates were then applied to the projected population to obtain the projected counts.

Trends in age-specific prostate mortality rates 1987-1993



REFERENCES

1. Statistics Canada. *Revised Intercensal Population and Family Estimates, July 1, 1971-1991*. Catalogue 91-537, Ottawa, 1994.
2. World Health Organization. *International Classification of Diseases for Oncology. Second Edition*. Geneva, 1990.
3. World Health Organization. *International Classification of Diseases. 1975 Revision. Volumes 1 and 2*, Geneva, 1977.
4. National Cancer Institute of Canada: *Canadian Cancer Statistics 1996*, Toronto, Canada, 1996.
5. National Clearing House on Tobacco and Health. *Focus On: Women and Tobacco*, Ottawa, 1993.
6. Statistics Canada. *Population Projections for Canada, Provinces and Territories, 1993-2016*. Catalogue 91-520, Ottawa, 1994.
7. Statistics Canada. *Annual Demographic Statistics, 1993* Catalogue 91-213, Ottawa, 1993.
8. Parkin DM, Muir CS, Whelan SL, Gao Y, Ferlay J, Powell J. *Cancer Incidence in Five Continents, Volume VI*. IARC Scientific Publication No. 120, International Agency for Research, Lyon, 1992.

APPENDIX

Cause of Death

The Alberta Cancer Registry reviews the underlying and contributing cause(s) of death for all Albertans with a mention of cancer on the death certificate. If the cause of death is inconsistent with the person's last known condition further information is requested. Based on this information the underlying cause of death is reviewed and may be coded on the Registry as different from that appearing on the death certificate.

Revised Population Estimates

In 1993, Statistics Canada introduced changes to its annual population estimates. Revised back to 1971, the new series differ from previous estimates as follows: estimates for net census undercoverage have been included; non-permanent residents and returning Canadians have been added; the reference date for the annual estimates is July 1 instead of June 1. The adjustment results in higher population estimates and therefore lower estimates of risk.

Populations

Age Group	Alberta 1993 (PP) ⁷		Age Group	Standard	
	Females	Males		Canada ¹	World ⁸
0-4	103300	108000	0-4	1953200	12000
5-9	102500	108200	5-9	1952900	10000
10-14	96600	101700	10-14	1913000	9000
15-19	91600	96200	15-19	1925900	9000
20-24	97800	100500	20-24	2109000	8000
25-29	108900	113500	25-29	2528700	8000
30-34	128300	132400	30-34	2598000	6000
35-39	120600	127300	35-39	2344700	6000
40-44	97700	102900	40-44	2138800	6000
45-49	78700	82300	45-49	1674100	6000
50-54	58800	61100	50-54	1339900	5000
55-59	49600	51300	55-59	1238400	4000
60-64	46400	47300	60-64	1190200	4000
65-69	41800	38500	65-69	1084600	3000
70-74	36700	30000	70-74	834000	2000
75-79	27200	20000	75-79	622200	1000
80-84	18600	11700	80-84	382300	500
85-89	10500	5700	85-	287900	500
90-	5400	2400			

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